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Part III

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Office of the Secretary

National Voluntary Laboratory Accreditation Program (NVLAP); Quarterly Report

DEPARTMENT OF COMMERCE

National Voluntary Laboratory Accreditation Program (NVLAP); Quarterly Report

This quarterly report covers the period from October 1 to December 31, 1980, and has been prepared in accordance with section 7a.17(a), 7b.17(a), and 7c.17(a) of the National Voluntary Laboratory Accreditation Program (NVLAP) procedures (15 CFR Parts 7a, 7b, 7c). Notice of accreditation actions under NVLAP for the month of December are included in this quarterly report.

Accreditation Actions

A total of 90 laboratories were accredited or reaccredited during the last quarter of 1980.

DOC reported October accreditation actions for 71 laboratories on November 14, 1980 (45 75542–75547) and November accreditation actions for two of those laboratories on December 12, 1980 (45 FR 81804–81805). Nineteen laboratories were granted accreditation during the month of December. The terms of these accreditations are valid for one year from the date that each accreditation was granted, unless otherwise revoked due to violation of the criteria or other conditions of accreditation, or terminated at the request of the laboratories. An alphabetical listing of all accredited laboratories and the test methods for which each is accredited as of December 31, 1980 is shown in Appendix 1. The test methods available under each LAP and the laboratories accredited for each test method are listed in Appendix 2.

NVLAP accreditations shall in no way relieve the laboratories from the necessity of observing and being in compliance with any exisitng Federal, State, and local statutes, ordinances, and regulations that may be applicable to the operations of the laboratories, including consumer protection and antitrust laws.

Applications Suspended or Withdrawn

Further processing of the application submitted by Terralab Engineers, salt Lake City, Utah, has been suspended until all required fees are paid and all data from required proficiency tests are submitted. Testing Laboratories, Inc., Alamagordo, New Mexico, withdrew its application before the assessment process was initiated.

Insulation LAP

The LAP for thermal insulation materials has 56 test methods for which accreditation may be sought. A total of 37 laboratories have been accredited to perform one or more of these test methods.

In a letter of December 2, 1980, the U.S. Department of Energy requested DOC to include additional test methods for urea-formaldehyde foam insulation, under the insulation LAP. Action on this request has been suspended pending the outcome of a Consumer Product Safety Commission decision on whether to ban the use of urea-formaldehyde foam.

The charter for the National Laboratory Accreditation Criteria Committee for Thermal Insulation Materials (NLACC–1) expired on October 29, 1980.

Concrete LAP

The LAP for freshly mixed field concrete has two groups of test methods (with one method optional) for which accreditation may be sought. A total of 41 laboratories have been accredited under the concrete LAP.

The National Laboratory Accreditation Criteria Committee for Freshly Mixed Field Concrete (NLACC–2) met for the last time on November 25, 1980 to advise DOC on certain technical issues which arose during the laboratory assessment process. The NLACC–2 charter expired on December 31, 1980.

Carpet LAP

The LAP for carpet has 12 test methods for which accreditation may be sought. A total of 23 carpet testing laboratories have been accredited for one or more of these test methods.

New Policy

On December 10, 1980 (45 FR 81249–81250) the Department of Commerce (DOC) announced a new policy for accepting applications. Laboratories seeking NVLAP accreditation may now make application at any time during the year for initial entry into NVLAP, for additional laboratory accreditation programs (LAPS), and for additional test methods within existing LAPS. Applications will be reviewed and laboratory assessments will be initiated on a continual basis. Appendix 3 provides information on how to request an application.

Potential LAPs

On November 10, 1980 (45 FRF 74684–74686), DOC announced a preliminary finding of need to accredit laboratories that provide acoustical testing services. Public comments are due January 9, 1981, the same day on which a public hearing on the need for such a LAP will be held in the Department of Commerce, in Washington, D.C.

A determination of whether or not to make a final finding of need based on the comments submitted and on further analysis of the August 6, 1980 preliminary finding of need to accredit laboratories that provide electromagnetic calibration services (45 FR 52326–52329) is expected during the first quarter of 1981.

On December 10, 1980 (45 FR 80163–80164), DOC announced the declination of further action on two formal requests to find that there is a need to accredit wastewater testing laboratories under NVLAP based upon objections to the development of such a LAP by the U.S. Environmental Protection Agency.

Two formal requests for new LAPs were received during the last quarter of 1980. In a letter dated October 20, 1980, Stadium System, Inc. requested that DOC establish a LAP for athletic equipment. An analysis of this request (made under Part 7a of the NVLAP procedures) is under way. In a letter dated December 4, 1980, the U.S. Department of Housing and Urban Development requested that DOC establish a LAP for solid fuel room heaters. Analysis of this Part 7b request was not completed as of the end of 1980.

Dated: January 13, 1981.

Robert B. Ellert,

Acting Assistant Secretary for Productivity, Technology and Innovation.

BILLING CODE 3510-13-M

APPENDIX 1

LISTING OF LABORATORIES ACCREDITED BY THE UNITED STATES DEPARTMENT OF COMMERCE UNDER PROVISIONS OF THE NATIONAL VOLUNTARY LABORATORY ACCREDITATION PROGRAM AND THE TEST METHODS FOR WHICH EACH LABORATORY IS ACCREDITED TO TEST THERMAL INSULATION MATERIALS*

AGUIRRE ENGINEERS, INC.
Attn: Mr. Vukoslav E. Aguirre
14 Inverness Drive East, Unit 8H
Englewood, CO 80112
Phone: (303) 771-4446

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
02/M01	ASTM C31	Making and Curing Concrete Test Specimens in the Field
02/M03	ASTM C172	Sampling Fresh Concrete
02/P01	ASTM C143	Slump of Portland Cement Concrete
02/W01	ASTM C138	Unit Weight, Yield, and Air Content (Gravimetric) of Concrete
02/A01	ASTM C231	Air Content of Freshly Mixed Concrete by the Pressure Method
02/S01	ASTM C39	Compressive Strength of Cylindrical Concrete Specimens
02/A02	ASTM C173	Air Content of Freshly Mixed Concrete by the Volumetric Method

NOTE: Accreditation is granted on 10/20/80 and expires on 10/19/81.

* It should be noted that testing laboratories accredited by the Secretary under these procedures are in no manner immune from the necessity of being in compliance with all legal obligations and responsibilities imposed by existing Federal, State, and local laws, ordinances, and regulations, including those related to consumer protection and antitrust prohibitions.

AMERICAN ADMIXTURES CORP.
Attn: Mr. G. S. Bobrowski
5909 N. Rogers Avenue
Chicago, IL 60646
Phone: (312) 286-3737

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
02/M01	ASTM C31	Making and Curing Concrete Test Specimens in the Field
02/M03	ASTM C172	Sampling Fresh Concrete
02/P01	ASTM C143	Slump of Portland Cement Concrete
02/W01	ASTM C138	Unit Weight, Yield, and Air Content (Gravimetric) of Concrete
02/A01	ASTM C231	Air Content of Freshly Mixed Concrete by the Pressure Method
02/S01	ASTM C39	Compressive Strength of Cylindrical Concrete Specimens
02/A02	ASTM C173	Air Content of Freshly Mixed Concrete by the Volumetric Method

NOTE: Accreditation is granted on 10/20/80 and expires on 10/19/81.

AMERICAN CARPET LABORATORIES, INC.
Attn: Mr. Michael D. Connell
P. O. Box 357
111 W. Nashville Street
Ringgold, GA 30736
Phone: (404) 935-5672

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
03/C01	AATCC 16E	Colorfastness to Light (Xenon Arc)
03/C02	AATCC 8	Colorfastness to Crocking
03/D01	ASTM D418	Methods of Testing Woven and Tufted Pile Floor Coverings
		Pile Weight - Uncoated (Para. 10-19)
		Pile Weight - Coated (Para. 20-29) as modified by UM 44C
		Pile Thickness - (Para. 30-36)
		Tuft Height - (Para. 37-45) as modified by UM 44C
03/D02	DDD-C-95A	Shrinkage
03/S01	ASTM D1335	Tuft Bind of Floor Coverings
	Federal Test Method Standard 191-5100	Textile Test Method - Breaking Strength
	191-5950	Textile Test Method - Delamination
03/F03	DoC FF1-70	Methenamine Pill Test
03/B01	UM 44C Addendum 3	Attached Cushion Tests
03/B02	UM 44C Addenda 2 and 3	Attached Cushion Tests

NOTE: Accreditation is granted on 10/20/80 and expires on 10/19/81.

ARMSTRONG WORLD INDUSTRIES, INC., MARIETTA CARPET PLANT
Attn: Mr. John H. Cooper
Route 441
Marietta, PA 17547
Phone: (717) 653-2031

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
03/C01	AATCC 16E	Colorfastness to Light (Xenon Arc)
03/C02	AATCC 8	Colorfastness to Crocking
03/D01	ASTM D418	Methods of Testing Woven and Tufted Pile Floor Coverings
		Pile Weight - Uncoated (Para. 10-19)
		Pile Weight - Coated (Para. 20-29) as modified by UM 44C
		Pile Thickness - (Para. 30-36)
		Tuft Height - (Para. 37-45) as modified by UM 44C
03/D02	DDD-C-95A	Shrinkage
03/S01	ASTM D1335	Tuft Bind of Floor Coverings
	Federal Test Method Standard 191-5100	Textile Test Method - Breaking Strength
	191-5950	Textile Test Method - Delamination
03/F03	DoC FF1-70	Methenamine Pill Test

NOTE: Accreditation is granted on 10/20/80 and expires on 10/19/81.

THE ARUNDEL CORPORATION, GREENSPRING LABORATORY
Attn: Mr. John M. Glowacki
6806 Greenspring Avenue
Baltimore, MD 21209
Phone: (301) 296-6400

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
02/M01	ASTM C31	Making and Curing Concrete Test Specimens in the Field
02/M03	ASTM C172	Sampling Fresh Concrete
02/P01	ASTM C143	Slump of Portland Cement Concrete
02/W01	ASTM C138	Unit Weight, Yield, and Air Content (Gravimetric) of Concrete
02/A01	ASTM C231	Air Content of Freshly Mixed Concrete by the Pressure Method
02/S01	ASTM C39	Compressive Strength of Cylindrical Concrete Specimens
02/A02	ASTM C173	Air Content of Freshly Mixed Concrete by the Volumetric Method

NOTE: Accreditation is granted on 12/22/80 and expires on 12/21/81.

ATEC ASSOCIATES, INC., OHIO DISTRICT
Attn: Mr. Larry A. Jeffers
11306 Tamarco Drive
Cincinnati, OH 45242
Phone: (513) 793-7972

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
02/M01	ASTM C31	Making and Curing Concrete Test Specimens in the Field
02/M03	ASTM C172	Sampling Fresh Concrete
02/P01	ASTM C143	Slump of Portland Cement Concrete
02/W01	ASTM C138	Unit Weight, Yield, and Air Content (Gravimetric) of Concrete
02/A01	ASTM C231	Air Content of Freshly Mixed Concrete by the Pressure Method
02/S01	ASTM C39	Compressive Strength of Cylindrical Concrete Specimens
02/A02	ASTM C173	Air Content of Freshly Mixed Concrete by the Volumetric Method

NOTE: Accreditation is granted on 12/22/80 and expires on 12/21/81.

BIGELOW-SANFORD, INC., GEORGIA RUG MILL,
QUALITY CONTROL LABORATORY (SUMMERVILLE, GEORGIA)
Attn: Mr. Van A. Pullen
Lyerly Street
Summerville, GA 30747
Phone: (404) 857-2421

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
03/C01	AATCC 16E	Colorfastness to Light (Xenon Arc)
03/C02	AATCC 8	Colorfastness to Crocking
03/D01	ASTM D418	Methods of Testing Woven and Tufted Pile Floor Coverings
		Pile Weight - Uncoated (Para. 10-19)
		Pile Weight - Coated (Para. 20-29) as modified by UM 44C
		Pile Thickness - (Para. 30-36)
		Tuft Height - (Para. 37-45) as modified by UM 44C
03/D02	DDD-C-95A	Shrinkage
03/S01	ASTM D1335	Tuft Bind of Floor Coverings
	Federal Test Method Standard 191-5100	Textile Test Method - Breaking Strength
	191-5950	Textile Test Method - Delamination
03/F03	DoC FF1-70	Methenamine Pill Test
03/B01	UM 44C Addendum 3	Attached Cushion Tests

NOTE: Accreditation is granted on 10/20/80 and expires on 10/19/81.

BIGELOW-SANFORD, INC.
TECHNICAL SERVICES (GREENVILLE, SOUTH CAROLINA)
Attn: Mr. Ronald V. Canova
Interstate 85 & White Horse Road
Greenville, SC 29602
Phone: (803) 299-2630

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
03/C01	AATCC 16E	Colorfastness to Light (Xenon Arc)
03/C02	AATCC 8	Colorfastness to Crocking
03/D01	ASTM D418	Methods of Testing Woven and Tufted Pile Floor Coverings
		Pile Weight - Uncoated (Para. 10-19)
		Pile Weight - Coated (Para. 20-29) as modified by UM 44C
		Pile Thickness - (Para. 30-36)
		Tuft Height - (Para. 37-45) as modified by UM 44C
03/D02	DDD-C-95A	Shrinkage
03/S01	ASTM D1335	Tuft Bind of Floor Coverings
	Federal Test Method Standard 191-5100	Textile Test Method - Breaking Strength
	191-5950	Textile Test Method - Delamination
03/E01	AATCC 134/ CRI 102	Electrostatic Propensity of Carpets
03/F03	DoC FF1-70	Methenamine Pill Test
03/F04	ASTM E648	Radiant Panel (Carpet)
03/B01	UM 44C Addendum 3	Attached Cushion Tests

NOTE: Accreditation is granted on 10/20/80 and expires on 10/19/81.

BOWSER-MORNER TESTING LABS, INC., DAYTON, OHIO LABORATORY
Attn: Mr. Kenneth A. Taylor
420 Davis Avenue
P. O. Box 51
Dayton, OH 45401
Phone: (513) 253-8805

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
02/M01	ASTM C31	Making and Curing Concrete Test Specimens in the Field
02/M03	ASTM C172	Sampling Fresh Concrete
02/P01	ASTM C143	Slump of Portland Cement Concrete
02/W01	ASTM C138	Unit Weight, Yield, and Air Content (Gravimetric) of Concrete
02/A01	ASTM C231	Air Content of Freshly Mixed Concrete by the Pressure Method

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
02/S01	ASTM C39	Compressive Strength of Cylindrical Concrete Specimens
02/A02	ASTM C173	Air Content of Freshly Mixed Concrete by the Volumetric Method

NOTE: Accreditation is granted on 10/20/80 and expires on 10/19/81.

BOWSER-MORNER TESTING LABS, INC., MAYSVILLE, KENTUCKY LABORATORY
Attn: Mr. Kenneth A. Taylor
Mary Ingles Way, Route 8 West
P. O. Box 636
Maysville, KY 41056
Phone: (513) 253-8805

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
02/M01	ASTM C31	Making and Curing Concrete Test Specimens in the Field
02/M03	ASTM C172	Sampling Fresh Concrete
02/P01	ASTM C143	Slump of Portland Cement Concrete
02/W01	ASTM C138	Unit Weight, Yield, and Air Content (Gravimetric) of Concrete
02/A01	ASTM C231	Air Content of Freshly Mixed Concrete by the Pressure Method
02/S01	ASTM C39	Compressive Strength of Cylindrical Concrete Specimens
02/A02	ASTM C173	Air Content of Freshly Mixed Concrete by the Volumetric Method

NOTE: Accreditation is granted on 12/22/80 and expires on 12/21/81.

BOWSER-MORNER TESTING LABS, INC., TOLEDO, OHIO LABORATORY
Attn: Mr. Kenneth A. Taylor
122 South St. Clair Street
P. O. Box 838
Toledo, OH 43696
Phone: (513) 253-8805

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
02/M01	ASTM C31	Making and Curing Concrete Test Specimens in the Field
02/M03	ASTM C172	Sampling Fresh Concrete
02/P01	ASTM C143	Slump of Portland Cement Concrete
02/W01	ASTM C138	Unit Weight, Yield, and Air Content (Gravimetric) of Concrete
02/A01	ASTM C231	Air Content of Freshly Mixed Concrete by the Pressure Method

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
02/S01	ASTM C39	Compressive Strength of Cylindrical Concrete Specimens
02/A02	ASTM C173	Air Content of Freshly Mixed Concrete by the Volumetric Method

NOTE: Accreditation is granted on 10/20/80 and expires on 10/19/81.

BUTLER MANUFACTURING COMPANY RESEARCH CENTER
Attn: Mr. Marvin K. Snyder
135th St. and Botts Road
Grandview, MO 64030
Phone: (816) 763-3022

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
01/T04	ASTM C236	Thermal conductance; Guarded hot box
01/T06	ASTM C518	Thermal transmission properties; Heat flow meter

NOTE: Accreditation is granted on 10/12/80 and expires on 10/11/81.

C. H. MASLAND AND SONS
Attn: Mr. David A. Boyles
P. O. Box 40
Carlisle, PA 17013
Phone: (717) 249-1866

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
03/C01	AATCC 16E	Colorfastness to Light (Xenon Arc)
03/C02	AATCC 8	Colorfastness to Crocking
03/D01	ASTM D418	Methods of Testing Woven and Tufted Pile Floor Coverings
		Pile Weight - Uncoated (Para. 10-19)
		Pile Weight - Coated (Para. 20-29) as modified by UM 44C
		Pile Thickness - (Para. 30-36)
		Tuft Height - (Para. 37-45) as modified by UM 44C
03/D02	DDD-C-95A	Shrinkage
03/S01	ASTM D1335	Tuft Bind of Floor Coverings
	Federal Test Method Standard 191-5100	Textile Test Method - Breaking Strength
	191-5950	Textile Test Method - Delamination
03/F03	DoC FF1-70	Methenamine Pill Test

NOTE: Accreditation is granted on 10/20/80 and expires on 10/19/81.

CAPITOL CEMENT
Attn: Mr. Thomas L. Vick
P. O. Drawer 33240
11551 Nacogdouches Road
San Antonio, TX 78233
Phone: (512) 655-3010

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
02/M01	ASTM C31	Making and Curing Concrete Test Specimens in the Field
02/M03	ASTM C172	Sampling Fresh Concrete
02/P01	ASTM C143	Slump of Portland Cement Concrete
02/W01	ASTM C138	Unit Weight, Yield, and Air Content (Gravimetric) of Concrete
02/A01	ASTM C231	Air Content of Freshly Mixed Concrete by the Pressure Method
02/S01	ASTM C39	Compressive Strength of Cylindrical Concrete Specimens

NOTE: Accreditation is granted on 12/22/80 and expires on 12/21/81.

CENTRAL READY MIXED CONCRETE, RESEARCH & TECHNICAL CENTER
Attn: Mr. Frank W. Madderom
4350 S. 13th Street
Milwaukee, WI 53221
Phone: (414) 282-4200

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
02/M01	ASTM C31	Making and Curing Concrete Test Specimens in the Field
02/M03	ASTM C172	Sampling Fresh Concrete
02/P01	ASTM C143	Slump of Portland Cement Concrete
02/W01	ASTM C138	Unit Weight, Yield, and Air Content (Gravimetric) of Concrete
02/A01	ASTM C231	Air Content of Freshly Mixed Concrete by the Pressure Method
02/S01	ASTM C39	Compressive Strength of Cylindrical Concrete Specimens

NOTE: Accreditation is granted on 10/20/80 and expires on 10/19/81.

CERTAINTEED CORPORATION, RESEARCH & DEVELOPMENT LABORATORY
Attn: Mr. W. Francis Olix
1400 Union Meeting Road
Blue Bell, PA 19422
Phone: (215) 542-0500

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
01/C02	HH-I-515 (para. 4.8.5 in D version, Amendment 1)	Corrosiveness; Cellulosic fiber (loose-fill)
01/D01	ASTM C136	Sieve or screen analysis
01/D02	ASTM C167	Thickness and density; Blanket and batt
01/D08	ASTM C302	Density; Preformed pipe insulation
01/D09	ASTM C303	Density; Preformed block insulation
01/D13	ASTM C519	Density; Loose-fill (fibrous)
01/D25	HH-I-515 (para. 4.8.3 in D version, Amendment 1)	Moisture absorption; Cellulosic fiber (loose-fill)
01/D26	HH-I-515 (para. 4.8.1 in D version, Amendment 1)	Settled density; Cellulosic fiber (loose-fill)
01/F01	ASTM D777 (as modified by HH-B-100B)	Flammability; Paper and paperboard
01/F05	ASTM E136	Behavior of Materials in a Vertical Tube Furnace
01/F07	HH-I-515 (para. 4.8.7 in D version, Amendment 1)	Critical radiant flux; Radiant Panel (cellulosic fiber, loose-fill)
01/F08	HH-I-515 (para. 4.8.8 in D version, Amendment 1)	Smoldering combustion; Cellulosic fiber (loose-fill)
01/S01	ASTM C165	Compressive properties; Thermal insulation (proc. A)
01/S08	ASTM C446	Breaking load/modulus of rupture; Preformed pipe insulation
01/S09	ASTM D781	Puncture test; Paperboard and fiberboard
01/S10	ASTM D828	Tensile breaking strength; Paper and paperboard
01/T01	ASTM C177	Thermal transmission properties; Low-temperature guarded hot plate
01/T04	ASTM C236	Thermal conductance; Guarded hot box
01/T05	ASTM C335	Thermal conductivity; Pipe insulation
01/T06	ASTM C518	Thermal transmission properties; Heat flow meter
01/T09	ASTM C653	Thermal resistance (Rec. Practice); Blanket (mineral fiber)
01/T10	ASTM C687	Thermal resistance (Rec. Practice); Loose-fill (fibrous)
01/V04	ASTM E96	Water vapor transmission; Thin sheets (proc. A)

NOTE: Accreditation is granted on 10/12/80 and expires on 10/11/81.

CERTIFIED TESTING LABORATORIES, INC.
Attn: Mr. John H. Frank
1105 Riverbend Drive
P. O. Box 2041
Dalton, GA 30720
Phone: (404) 226-1400

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
01/C02	HH-I-515 (para. 4.8.5 in D version, Amendment 1)	Corrosiveness; Cellulosic fiber (loose-fill)
01/D25	HH-I-515 (para. 4.8.3 in D version, Amendment 1)	Moisture absorption; Cellulosic fiber (loose-fill)
01/D26	HH-I-515 (para. 4.8.1 in D version, Amendment 1)	Settled density; Cellulosic fiber (loose-fill)
01/F07	HH-I-515 (para. 4.8.7 in D version, Amendment 1)	Critical radiant flux; Radiant Panel (cellulosic fiber, loose-fill)
01/F08	HH-I-515 (para. 4.8.8 in D version, Amendment 1)	Smoldering combustion; Cellulosic fiber (loose-fill)
01/V06	HH-I-515 (para. 4.8.9 in D version, Amendment 1)	Starch; Cellulosic fiber (loose-fill)
03/C01	AATCC 16E	Colorfastness to Light (Xenon Arc)
03/C02	AATCC 8	Colorfastness to Crocking
03/D01	ASTM D418	Methods of Testing Woven and Tufted Pile Floor Coverings Pile Weight - Uncoated (Para. 10-19) Pile Weight - Coated (Para. 20-29) as modified by UM 44C Pile Thickness - (Para. 30-36) Tuft Height - (Para. 37-45) as modified by UM 44C
03/D02	DDD-C-95A	Shrinkage
03/S01	ASTM D1335 Federal Test Method Standard 191-5100 191-5950	Tuft Bind of Floor Coverings Textile Test Method - Breaking Strength Textile Test Method - Delamination
03/E01	AATCC 134/ CRI 102	Electrostatic Propensity of Carpets Methenamine Pill Test
03/F03	DoC FF1-70	Radiant Panel (Carpet)
03/F04	ASTM E648	Attached Cushion Tests
03/B02	UM 44C Addenda 2 and 3	

NOTE: Accreditation is granted on 10/12/80 and expires on 10/19/81.

CHISHOLM TRAIL TESTING AND ENGINEERING COMPANY, INC.
Attn: Mr. James F. Rosendahl
302 South Miller Street
Decatur, TX 76234
Phone: (817) 627-5216

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
03/C01	AATCC 16E	Colorfastness to Light (Xenon Arc)
03/C02	AATCC 8	Colorfastness to Crocking
03/D01	ASTM D418	Methods of Testing Woven and Tufted Pile Floor Coverings Pile Weight - Uncoated (Para. 10-19) Pile Weight - Coated (Para. 20-29) as modified by UM 44C Pile Thickness - (Para. 30-36) Tuft Height - (Para. 37-45) as modified by UM 44C
03/D02	DDD-C-95A	Shrinkage
03/S01	ASTM D1335	Tuft Bind of Floor Coverings
	Federal Test Method Standard 191-5100	Textile Test Method - Breaking Strength
	191-5950	Textile Test Method - Delamination
03/F03	DoC FF1-70	Methenamine Pill Test

NOTE: Accreditation is granted on 10/20/80 and expires on 10/19/81.

COMMERCIAL TESTING COMPANY, INC.
Attn: Mr. William Rindosh
1215 S. Hamilton Street
P. O. Box 985
Dalton, GA 30720
Phone: (404) 278-3935

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
01/C02	HH-I-515 (para. 4.8.5 in D version, Amendment 1)	Corrosiveness; Cellulosic fiber (loose-fill)
01/D25	HH-I-515 (para. 4.8.3 in D version, Amendment 1)	Moisture absorption; Cellulosic fiber (loose-fill)
01/D26	HH-I-515 (para. 4.8.1 in D version, Amendment 1)	Settled density; Cellulosic fiber (loose-fill)
01/F02	ASTM E84	Surface burning characteristics; Building materials
01/F07	HH-I-515 (para. 4.8.7 in D version, Amendment 1)	Critical radiant flux; Radiant Panel (cellulosic fiber, loose-fill)
01/F08	HH-I-515 (para. 4.8.8 in D version, Amendment 1)	Smoldering combustion; Cellulosic fiber (loose-fill)

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
01/T06	ASTM C518	Thermal transmission properties; Heat flow meter
01/V06	HH-I-515 (para. 4.8.9 in D version, Amendment 1)	Starch; Cellulosic fiber (loose-fill)
03/C01	AATCC 16E	Colorfastness to Light (Xenon Arc)
03/C02	AATCC 8	Colorfastness to Crocking
03/D01	ASTM D418	Methods of Testing Woven and Tufted Pile Floor Coverings Pile Weight - Uncoated (Para. 10-19) Pile Weight - Coated (Para. 20-29) as modified by UM 44C Pile Thickness - (Para. 30-36) Tuft Height - (Para. 37-45) as modified by UM 44C
03/D02	DDD-C-95A	Shrinkage
03/S01	ASTM D1335	Tuft Bind of Floor Coverings
	Federal Test Method Standard 191-5100	Textile Test Method - Breaking Strength
	191-5950	Textile Test Method - Delamination
03/F01	ASTM E84	Surface Flammability (Carpet)
03/F03	DoC FF1-70	Methenamine Pill Test
03/F04	ASTM E648	Radiant Panel (Carpet)
03/B01	UM 44C Addendum 3	Attached Cushion Tests
03/B02	UM 44C Addenda 2 and 3	Attached Cushion Tests

NOTE: Accreditation is granted on 10/12/80 and expires on 10/19/81.

CONTRACTORS SUPPLY CORPORATION OF WEST VIRGINIA, INC.
Attn: Mr. Fontaine B. Hooff
P. O. Box 6587
24th and Water Streets
Wheeling, WV 26003
Phone: (304) 232-1048

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
02/M01	ASTM C31	Making and Curing Concrete Test Specimens in the Field
02/M03	ASTM C172	Sampling Fresh Concrete
02/P01	ASTM C143	Slump of Portland Cement Concrete
02/W01	ASTM C138	Unit Weight, Yield, and Air Content (Gravimetric) of Concrete
02/A01	ASTM C231	Air Content of Freshly Mixed Concrete by the Pressure Method
02/S01	ASTM C39	Compressive Strength of Cylindrical Concrete Specimens

NOTE: Accreditation is granted on 12/22/80 and expires on 12/21/81.

CONTROLLED CONCRETE METHODS, INC. *
Attn: Mr. Raymond A. Ayres
Foot of Main Street
Tarrytown, NY 10591
Phone: (914) 631-9000

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
02/M01	ASTM C31	Making and Curing Concrete Test Specimens in the Field
02/M03	ASTM C172	Sampling Fresh Concrete
02/P01	ASTM C143	Slump of Portland Cement Concrete
02/W01	ASTM C138	Unit Weight, Yield, and Air Content (Gravimetric) of Concrete
02/A01	ASTM C231	Air Content of Freshly Mixed Concrete by the Pressure Method
02/S01	ASTM C39	Compressive Strength of Cylindrical Concrete Specimens
02/A02	ASTM C173	Air Content of Freshly Mixed Concrete by the Volumetric Method

NOTE: Accreditation is granted on 10/20/80 and expires on 10/19/81.

* Effective January 31, 1981, Controlled Concrete Methods, Inc. will discontinue operating as a testing laboratory.

CORONET CARPETS
Attn: Mr. Winfred L. Jones
Cleveland Road
P. O. Box 1248
Dalton, GA 30720
Phone: (404) 259-4511 x272

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
03/C01	AATCC 16E	Colorfastness to Light (Xenon Arc)
03/C02	AATCC 8	Colorfastness to Crocking
03/D01	ASTM D418	Methods of Testing Woven and Tufted Pile Floor Coverings
		Pile Weight - Uncoated (Para. 10-19)
		Pile Weight - Coated (Para. 20-29) as modified by UM 44C
		Pile Thickness - (Para. 30-36)
		Tuft Height - (Para. 37-45) as modified by UM 44C
03/D02	DDD-C-95A	Shrinkage
03/S01	ASTM D1335	Tuft Bind of Floor Coverings
	Federal Test Method Standard 191-5100	Textile Test Method - Breaking Strength
	191-5950	Textile Test Method - Delamination
03/F03	DoC FF1-70	Methenamine Pill Test

NOTE: Accreditation is granted on 10/20/80 and expires on 10/19/81.

THE DOLESE COMPANY, ENGINEERING DEPARTMENT LABORATORY
Attn: Mr. A. Darrell George
20 Northwest 13th Street
P. O. Box 677
Oklahoma City, OK 73101
Phone: (405) 235-2311

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
02/M01	ASTM C31	Making and Curing Concrete Test Specimens in the Field
02/M03	ASTM C172	Sampling Fresh Concrete
02/P01	ASTM C143	Slump of Portland Cement Concrete
02/W01	ASTM C138	Unit Weight, Yield, and Air Content (Gravimetric) of Concrete
02/A01	ASTM C231	Air Content of Freshly Mixed Concrete by the Pressure Method
02/S01	ASTM C39	Compressive Strength of Cylindrical Concrete Specimens
02/A02	ASTM C173	Air Content of Freshly Mixed Concrete by the Volumetric Method

NOTE: Accreditation is granted on 12/22/80 and expires on 12/21/81.

DONALD S. GILMORE LABORATORIES, THE UPJOHN COMPANY
Attn: Mr. Herbert G. Nadeau
410 Sackett Point Road
North Haven, CT 06473
Phone: (203) 281-2762

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
01/D10	ASTM C355	Water vapor transmission; Thick materials; Desiccant method
01/D18	ASTM D1622	Apparent density; Rigid cellular plastics
01/D19	ASTM D2126	Response to thermal and humid; Aging (proc. B); Rigid cellular plastics
01/D20	ASTM D2126	Response to thermal and humid; Aging (proc. D); Rigid cellular plastics
01/D23	ASTM D2842	Water absorption; Rigid cellular plastics
01/S02	ASTM C203	Breaking load/flexural strength; Preformed block insulation
01/S07	ASTM C273	Shear test; Sandwich construction
01/S11	ASTM D1621	Compressive properties; Rigid cellular plastics (proc. A-Crosshead)
01/T06	ASTM C518	Thermal transmission properties; Heat flow meter
01/V04	ASTM E96	Water vapor transmission; Thin sheets (proc. A)

NOTE: Accreditation is granted on 10/14/80 and expires on 10/13/81.

DOW CHEMICAL U.S.A., GRANVILLE R & D CENTER
Attn: Mr. L. R. LaBelle
P. O. Box 515
Granville, OH 43023
Phone: (614) 587-4300

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
01/D07	ASTM C272	Water absorption; Core materials
01/D10	ASTM C355	Water vapor transmission; Thick materials; Desiccant method
01/D18	ASTM D1622	Apparent density; Rigid cellular plastics
01/D19	ASTM D2126	Response to thermal and humid; Aging (proc. B); Rigid cellular plastics
01/D20	ASTM D2126	Response to thermal and humid; Aging (proc. D); Rigid cellular plastics
01/D21	ASTM D2126	Response to thermal and humid; Aging (proc. E); Rigid cellular plastics
01/D22	ASTM D2126	Response to thermal and humid; Aging (proc. F); Rigid cellular plastics
01/D23	ASTM D2842	Water absorption; Rigid cellular plastics
01/S01	ASTM C165	Compressive properties; Thermal insulation (proc. A)
01/S02	ASTM C203	Breaking load/flexural strength; Preformed block insulation
01/S11	ASTM D1621	Compressive properties; Rigid cellular plastics (proc. A-Crosshead)
01/T01	ASTM C177	Thermal transmission properties; Low-temperature guarded hot plate
01/T06	ASTM C518	Thermal transmission properties; Heat flow meter

NOTE: Accreditation is granted on 10/12/80 and expires on 10/11/81.

DYNATECH R/D COMPANY
Attn: Mr. Stephen E. Smith
99 Erie Street
Cambridge, MA 02139
Phone: (617) 868-8050

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
01/C02	HH-I-515 (para. 4.8.5 in D version, Amendment 1)	Corrosiveness; Cellulosic fiber (loose-fill)
01/D25	HH-I-515 (para. 4.8.3 in D version, Amendment 1)	Moisture absorption; Cellulosic fiber (loose-fill)

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
01/D26	HH-I-515 (para. 4.8.1 in D version, Amendment 1)	Settled density; Cellulosic fiber (loose-fill)
01/T01	ASTM C177	Thermal transmission properties; Low-temperature guarded hot plate
01/T04	ASTM C236	Thermal conductance; Guarded hot box
01/T05	ASTM C335	Thermal conductivity; Pipe insulation
01/T06	ASTM C518	Thermal transmission properties; Heat flow meter
01/V06	HH-I-515 (para. 4.8.9 in D version, Amendment 1)	Starch; Cellulosic fiber (loose-fill)

NOTE: Accreditation is granted on 10/12/80 and expires on 10/11/81.

DYNATHERM ENGINEERING
Attn: Mr. James B. Funkhouser
595 Marshan Lane
Lino Lakes, MN 55014
Phone: (612) 786-1853

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
01/T04	ASTM C236	Thermal conductance; Guarded hot box

NOTE: Accreditation is granted on 10/12/80 and expires on 10/11/81.

ENGINEERING TESTING LABORATORY
Attn: Mr. James L. Beckett
1420 Triplett Blvd. -- Bldg. #2
Akron, OH 44306
Phone: (216) 375-2861

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
02/M01	ASTM C31	Making and Curing Concrete Test Specimens in the Field
02/M03	ASTM C172	Sampling Fresh Concrete
02/P01	ASTM C143	Slump of Portland Cement Concrete
02/W01	ASTM C138	Unit Weight, Yield, and Air Content (Gravimetric) of Concrete
02/A01	ASTM C231	Air Content of Freshly Mixed Concrete by the Pressure Method
02/S01	ASTM C39	Compressive Strength of Cylindrical Concrete Specimens

NOTE: Accreditation is granted on 10/20/80 and expires on 10/19/81.

ENGINEERS TESTING LABORATORIES, INC.
Attn: Mr. J. G. Bennitt
P. O. Box 21387
3737 East Broadway Road
Phoenix, AZ 85040
Phone: (602) 268-1381

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
02/M01	ASTM C31	Making and Curing Concrete Test Specimens in the Field
02/M03	ASTM C172	Sampling Fresh Concrete
02/P01	ASTM C143	Slump of Portland Cement Concrete
02/W01	ASTM C138	Unit Weight, Yield, and Air Content (Gravimetric) of Concrete
02/A01	ASTM C231	Air Content of Freshly Mixed Concrete by the Pressure Method
02/S01	ASTM C39	Compressive Strength of Cylindrical Concrete Specimens
02/A02	ASTM C173	Air Content of Freshly Mixed Concrete by the Volumetric Method

NOTE: Accreditation is granted on 10/20/80 and expires on 10/19/81.

EVANS AND BLACK CARPET MILLS, INC.
Attn: Mr. Robert H. Davis
1020 Riverbend Drive
Dalton, GA 30720
Phone: (404) 278-3197

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
03/C01	AATCC 16E	Colorfastness to Light (Xenon Arc)
03/C02	AATCC 8	Colorfastness to Crocking
03/D01	ASTM D418	Methods of Testing Woven and Tufted Pile Floor Coverings
		Pile Weight - Uncoated (Para. 10-19)
		Pile Weight - Coated (Para. 20-29) as modified by UM 44C
		Pile Thickness - (Para. 30-36)
		Tuft Height - (Para. 37-45) as modified by UM 44C
03/D02	DOD-C-95A	Shrinkage
03/S01	ASTM D1335	Tuft Bind of Floor Coverings
	Federal Test Method Standard 191-5100	Textile Test Method - Breaking Strength
	191-5950	Textile Test Method - Delamination
03/F03	DoC FF1-70	Methenamine Pill Test

NOTE: Accreditation is granted on 10/20/80 and expires on 10/19/81.

FACTORY MUTUAL RESEARCH CORP.
Attn: Mr. P. E. Johnson
1151 Boston-Providence Turnpike
Norwood, MA 02062
Phone: (617) 762-4300

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
01/C02	HH-I-515 (para. 4.8.5 in D version, Amendment 1)	Corrosiveness; Cellulosic fiber (loose-fill)
01/D25	HH-I-515 (para. 4.8.3 in D version, Amendment 1)	Moisture absorption; Cellulosic fiber (loose-fill)
01/D26	HH-I-515 (para. 4.8.1 in D version, Amendment 1)	Settled density; Cellulosic fiber (loose-fill)
01/F02	ASTM E84	Surface burning characteristics; Building materials
01/F07	HH-I-515 (para. 4.8.7 in D version, Amendment 1)	Critical radiant flux; Radiant Panel (cellulosic fiber, loose-fill)
01/F08	HH-I-515 (para. 4.8.8 in D version, Amendment 1)	Smoldering combustion; Cellulosic fiber (loose-fill)
01/V06	HH-I-515 (para. 4.8.9 in D version, Amendment 1)	Starch; Cellulosic fiber (loose-fill)
03/F01	ASTM E84	Surface Flammability (Carpet)
03/F04	ASTM E648	Radiant Panel (Carpet)

NOTE: Accreditation is granted on 10/12/80 and expires on 10/19/81.

FLINTKOTE STONE PRODUCTS CO., QUALITY CONTROL LABORATORIES
Attn: Mr. Robert L. Chester
10300 Pulaski Highway
White Marsh, MD 21162
Phone: (301) 628-4000

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
02/M01	ASTM C31	Making and Curing Concrete Test Specimens in the Field
02/M03	ASTM C172	Sampling Fresh Concrete
02/P01	ASTM C143	Slump of Portland Cement Concrete
02/W01	ASTM C138	Unit Weight, Yield, and Air Content (Gravimetric) of Concrete
02/A01	ASTM C231	Air Content of Freshly Mixed Concrete by the Pressure Method
02/S01	ASTM C39	Compressive Strength of Cylindrical Concrete Specimens
02/A02	ASTM C173	Air Content of Freshly Mixed Concrete by the Volumetric Method

NOTE: Accreditation is granted on 10/20/80 and expires on 10/19/81.

FRANKLIN RESEARCH CENTER
Attn: Mr. John R. Stover
20th and Parkway
Philadelphia, PA 19103
Phone: (215) 448-1413

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
02/M01	ASTM C31	Making and Curing Concrete Test Specimens in the Field
02/M03	ASTM C172	Sampling Fresh Concrete
02/P01	ASTM C143	Slump of Portland Cement Concrete
02/W01	ASTM C138	Unit Weight, Yield, and Air Content (Gravimetric) of Concrete
02/A01	ASTM C231	Air Content of Freshly Mixed Concrete by the Pressure Method
02/S01	ASTM C39	Compressive Strength of Cylindrical Concrete Specimens

NOTE: Accreditation is granted on 12/22/80 and expires on 12/21/81.

GALAXY CARPET MILLS, INC., TESTING LABORATORY
Attn: Mr. Lou Childers
P. O. Box 800
Industrial Blvd.
Chatsworth, GA 30705
Phone: (404) 695-9611

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
03/C01	AATCC 16E	Colorfastness to Light (Xenon Arc)
03/C02	AATCC 8	Colorfastness to Crocking
03/D01	ASTM D418	Methods of Testing Woven and Tufted Pile Floor Coverings
		Pile Weight - Uncoated (Para. 10-19)
		Pile Weight - Coated (Para. 20-29) as modified by UM 44C
		Pile Thickness - (Para. 30-36)
		Tuft Height - (Para. 37-45) as modified by UM 44C
03/D02	DDD-C-95A	Shrinkage
03/S01	ASTM D1335	Tuft Bind of Floor Coverings
	Federal Test Method Standard 191-5100	Textile Test Method - Breaking Strength
	191-5950	Textile Test Method - Delamination
03/F03	DoC FF1-70	Methenamine Pill Test
03/B02	UM 44C Addenda 2 and 3	Attached Cushion Tests

NOTE: Accreditation is granted on 10/20/80 and expires on 10/19/81.

GARCO TESTING LABORATORIES
Attn: Mr. J. Robbin Duncan
41 West Central Avenue
P. O. Box 7006
Murray, UT 84107
Phone: (801) 266-4498

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
02/M01	ASTM C31	Making and Curing Concrete Test Specimens in the Field
02/M03	ASTM C172	Sampling Fresh Concrete
02/P01	ASTM C143	Slump of Portland Cement Concrete
02/W01	ASTM C138	Unit Weight, Yield, and Air Content (Gravimetric) of Concrete
02/A01	ASTM C231	Air Content of Freshly Mixed Concrete by the Pressure Method
02/S01	ASTM C39	Compressive Strength of Cylindrical Concrete Specimens
02/A02	ASTM C173	Air Content of Freshly Mixed Concrete by the Volumetric Method

NOTE: Accreditation is granted on 10/20/80 and expires on 10/19/81.

GENERAL TESTING LABORATORIES, INC.
Attn: Mr. Ben Poisner
1517 Walnut Street
Kansas City, MO 64108
Phone: (816) 471-1205

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
02/M01	ASTM C31	Making and Curing Concrete Test Specimens in the Field
02/M03	ASTM C172	Sampling Fresh Concrete
02/P01	ASTM C143	Slump of Portland Cement Concrete
02/W01	ASTM C138	Unit Weight, Yield, and Air Content (Gravimetric) of Concrete
02/A01	ASTM C231	Air Content of Freshly Mixed Concrete by the Pressure Method
02/S01	ASTM C39	Compressive Strength of Cylindrical Concrete Specimens

NOTE: Accreditation is granted on 10/20/80 and expires on 10/19/81.

GEOSCIENCE LTD.
Attn: Mr. Heinz F. Poppendiek
410 South Cedros Avenue
Solana Beach, CA 92075
Phone: (714) 755-9396

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
01/T01	ASTM C177	Thermal transmission properties; Low-temperature guarded hot plate

NOTE: Accreditation is granted on 10/14/80 and expires on 10/13/81.

THE H. C. NUTTING COMPANY
Attn: Mr. G. J. Spieker
4120 Airport Road
Cincinnati, OH 45226
Phone: (513) 321-5816

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
02/M01	ASTM C31	Making and Curing Concrete Test Specimens in the Field
02/M03	ASTM C172	Sampling Fresh Concrete
02/P01	ASTM C143	Slump of Portland Cement Concrete
02/W01	ASTM C138	Unit Weight, Yield, and Air Content (Gravimetric) of Concrete
02/A01	ASTM C231	Air Content of Freshly Mixed Concrete by the Pressure Method
02/S01	ASTM C39	Compressive Strength of Cylindrical Concrete Specimens

NOTE: Accreditation is granted on 10/20/80 and expires on 10/19/81.

HALES TESTING LABORATORIES, INC.
Attn: Mr. George F. Durbin
23286 Foley Street
P. O. Box 6124
Hayward, CA 94540
Phone: (415) 887-1430

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
02/M01	ASTM C31	Making and Curing Concrete Test Specimens in the Field
02/M03	ASTM C172	Sampling Fresh Concrete
02/P01	ASTM C143	Slump of Portland Cement Concrete

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
02/W01	ASTM C138	Unit Weight, Yield, and Air Content (Gravimetric) of Concrete
02/A01	ASTM C231	Air Content of Freshly Mixed Concrete by the Pressure Method
02/S01	ASTM C39	Compressive Strength of Cylindrical Concrete Specimens
02/A02	ASTM C173	Air Content of Freshly Mixed Concrete by the Volumetric Method

NOTE: Accreditation is granted on 12/22/80 and expires on 12/21/81.

HARDWOOD PLYWOOD MANUFACTURERS ASSOCIATION
Attn: Mr. Gary D. Gramp
1825 Michael Faraday Drive
P. O. Box 2789
Reston, VA 22090
Phone: (703) 435-2900

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
01/F02	ASTM E84	Surface burning characteristics; Building materials
01/F07	HH-I-515 (para. 4.8.7 in D version, Amendment 1)	Critical radiant flux; Radiant Panel (cellulosic fiber, loose-fill)
03/F01	ASTM E84	Surface Flammability (Carpet)
03/F04	ASTM E648	Radiant Panel (Carpet)

NOTE: Accreditation is granted on 10/14/80 and expires on 10/19/81.

HAUSER LABORATORIES
Attn: Mr. Ray L. Hauser
5680 Central Avenue
P. O. Box G
Boulder, CO 80306
Phone: (303) 443-4662

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
01/C02	HH-I-515 (para. 4.8.5 in D version, Amendment 1)	Corrosiveness; Cellulosic fiber (loose-fill)
01/D12	ASTM C411	Hot-surface performance; High temperature insulation
01/D25	HH-I-515 (para. 4.8.3 in D version, Amendment 1)	Moisture absorption; Cellulosic fiber (loose-fill)

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
01/D26	HH-I-515 (para. 4.8.1 in D version, Amendment 1)	Settled density; Cellulosic fiber (loose-fill)
01/F05	ASTM E136	Behavior of Materials in a Vertical Tube Furnace
01/F07	HH-I-515 (para. 4.8.7 in D version, Amendment 1)	Critical radiant flux; Radiant Panel (cellulosic fiber, loose-fill)
01/F08	HH-I-515 (para. 4.8.8 in D version, Amendment 1)	Smoldering combustion; Cellulosic fiber (loose-fill)
01/T06	ASTM C518	Thermal transmission properties; Heat flow meter
01/T09	ASTM C653	Thermal resistance (Rec. Practice); Blanket (mineral fiber)
01/T10	ASTM C687	Thermal resistance (Rec. Practice); Loose-fill (fibrous)
01/V05	HH-I-515 (para. 4.8.6 in D version, Amendment 1)	Fungus; Cellulosic fiber (loose-fill)
01/V06	HH-I-515 (para. 4.8.9 in D version, Amendment 1)	Starch; Cellulosic fiber (loose-fill)

NOTE: Accreditation is granted on 10/12/80 and expires on 10/11/81.

HERRON CONSULTANTS, INC.
Attn: Mr. J. R. Sutcliffe
5555 Canal Road
Cleveland, OH 44125
Phone: (216) 447-1335

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
02/M01	ASTM C31	Making and Curing Concrete Test Specimens in the Field
02/M03	ASTM C172	Sampling Fresh Concrete
02/P01	ASTM C143	Slump of Portland Cement Concrete
02/W01	ASTM C138	Unit Weight, Yield, and Air Content (Gravimetric) of Concrete
02/A01	ASTM C231	Air Content of Freshly Mixed Concrete by the Pressure Method
02/S01	ASTM C39	Compressive Strength of Cylindrical Concrete Specimens
02/A02	ASTM C173	Air Content of Freshly Mixed Concrete by the Volumetric Method

NOTE: Accreditation is granted on 10/20/80 and expires on 10/19/81.

INDEPENDENT TEXTILE TESTING SERVICE, INC.
Attn: Mr. Cornelius C. Setter
P. O. Box 1948
1499 Murray Avenue
Dalton, GA 30720
Phone: (404) 278-3013

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
03/C01	AATCC 16E	Colorfastness to Light (Xenon Arc)
03/C02	AATCC 8	Colorfastness to Crocking
03/D01	ASTM D418	Methods of Testing Woven and Tufted Pile Floor Coverings
		Pile Weight - Uncoated (Para. 10-19)
		Pile Weight - Coated (Para. 20-29) as modified by UM 44C
		Pile Thickness - (Para. 30-36)
		Tuft Height - (Para. 37-45) as modified by UM 44C
03/D02	DDD-C-95A	Shrinkage
03/S01	ASTM D1335	Tuft Bind of Floor Coverings
	Federal Test Method Standard 191-5100	Textile Test Method - Breaking Strength
	191-5950	Textile Test Method - Delamination
03/E01	AATCC 134/ CRI 102	Electrostatic Propensity of Carpets
03/F03	DoC FF1-70	Methenamine Pill Test
03/F04	ASTM E648	Radiant Panel (Carpet)
03/B01	UM 44C Addendum 3	Attached Cushion Tests
03/B02	UM 44C Addenda 2 and 3	Attached Cushion Tests

NOTE: Accreditation is granted on 10/20/80 and expires on 10/19/81.

INTEST LABORATORIES, INC.
Attn: Mr. Donald J. Valsvik
2820 Anthony Lane South
Minneapolis, MN 55418
Phone: (612) 781-2603

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
01/C02	HH-I-515 (para. 4.8.5 in D version, Amendment 1)	Corrosiveness; Cellulosic fiber (loose-fill)
01/D25	HH-I-515 (para. 4.8.3 in D version, Amendment 1)	Moisture absorption; Cellulosic fiber (loose-fill)
01/D26	HH-I-515 (para. 4.8.1 in D version, Amendment 1)	Settled density; Cellulosic fiber (loose-fill)

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
01/F07	HH-I-515 (para. 4.8.7 in D version, Amendment 1)	Critical radiant flux; Radiant Panel (cellulosic fiber, loose-fill)
01/F08	HH-I-515 (para. 4.8.8 in D version, Amendment 1)	Smoldering combustion; Cellulosic fiber (loose-fill)
01/V06	HH-I-515 (para. 4.8.9 in D version, Amendment 1)	Starch; Cellulosic fiber (loose-fill)

NOTE: Accreditation is granted on 10/12/80 and expires on 10/11/81.

JIM WALTER RESEARCH CORPORATION
Attn: Mr. D. E. Hipchen
10301 9th Street, N.
St. Petersburg, FL 33702
Phone: (813) 576-4171

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
01/D03	ASTM C209 (para. 6 in 72 version)	Thickness; Board (cellulosic fiber)
01/D04	ASTM C209 (para. 13 in 72 version)	Water absorption, 2 hour; Board (cellulosic fiber)
01/D05	ASTM C209 (para. 13 in 72 version) by D1037 (para. 100-106 in 72 version)	Water absorption, 24 hour; Board (cellulosic fiber)
01/D06	ASTM C209 (para. 13 in 72 version) by D1037 (para. 107-110 in 72 version)	Linear expansion; Board (cellulosic fiber)
01/D09	ASTM C303	Density; Preformed block insulation
01/D18	ASTM D1622	Apparent density; Rigid cellular plastics
01/D19	ASTM D2126	Response to thermal and humid; Aging (proc. B); Rigid cellular plastics
01/D20	ASTM D2126	Response to thermal and humid; Aging (proc. D); Rigid cellular plastics
01/D21	ASTM D2126	Response to thermal and humid; Aging (proc. E); Rigid cellular plastics
01/D22	ASTM D2126	Response to thermal and humid; Aging (proc. F); Rigid cellular plastics
01/D23	ASTM D2842	Water absorption; Rigid cellular plastics
01/S01	ASTM C165	Compressive properties; Thermal insulation (proc. A)
01/S02	ASTM C203	Breaking load/flexural strength; Preformed block insulation

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
01/S03	ASTM C209 (para. 9 in 72 version)	Transverse strength; Board (cellulosic fiber)
01/S04	ASTM C209 (para. 10 in 72 version)	Deflection at specified load; Board (cellulosic fiber)
01/S05	ASTM C209 (para. 11 in 72 version)	Tensile strength; Parallel to surface; Board (cellulosic fiber)
01/S06	ASTM C209 (para. 12 in 72 version)	Tensile strength; Perpendicular to surface
01/S07	ASTM C273	Shear test; Sandwich construction
01/S11	ASTM D1621	Compressive properties; Rigid cellular plastics (proc. A-Crosshead)
01/T01	ASTM C177	Thermal transmission properties; Low-temperature guarded hot plate
01/T04	ASTM C236	Thermal conductance; Guarded hot box
01/T05	ASTM C335	Thermal conductivity; Pipe insulation
01/T06	ASTM C518	Thermal transmission properties; Heat flow meter

NOTE: Accreditation is granted on 10/12/80 and expires on 10/11/81.

JOHNS-MANVILLE SALES CORP., R & D CENTER
Attn: Mr. Robert L. Mason
10100 W. Ute Avenue
P. O. Box 5108
Denver, CO 80217
Phone: (303) 979-1000 x4553

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
01/D02	ASTM C167	Thickness and density; Blanket and batt
01/D03	ASTM C209 (para. 6 in 72 version)	Thickness; Board (cellulosic fiber)
01/D04	ASTM C209 (para. 13 in 72 version)	Water absorption, 2 hour; Board (cellulosic fiber)
01/D05	ASTM C209 (para. 13 in 72 version) by D1037 (para. 100-106 in 72 version)	Water absorption, 24 hour; Board (cellulosic fiber)
01/D06	ASTM C209 (para. 13 in 72 version) by D1037 (para. 107-110 in 72 version)	Linear expansion; Board (cellulosic fiber)
01/D08	ASTM C302	Density; Preformed pipe insulation
01/D09	ASTM C303	Density; Preformed block insulation

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
01/D10	ASTM C355	Water vapor transmission; Thick materials; Desiccant method
01/D11	ASTM C356	Linear shrinkage; Soaking heat; Preformed high temperature insulation
01/D12	ASTM C411	Hot-surface performance; High temperature insulation
01/D13	ASTM C519	Density; Loose-fill (fibrous)
01/D14	ASTM C520	Density; Granular loose-fill
01/F01	ASTM D777 (as modified by HH-B-100B)	Flammability; Paper and paperboard
01/F02	ASTM E84	Surface burning characteristics; Building materials
01/F05	ASTM E136	Behavior of Materials in a Vertical Tube Furnace
01/S01	ASTM C165	Compressive properties; Thermal insulation (proc. A)
01/S02	ASTM C203	Breaking load/flexural strength; Preformed block insulation
01/S03	ASTM C209 (para. 9 in 72 version)	Transverse strength; Board (cellulosic fiber)
01/S04	ASTM C209 (para. 10 in 72 version)	Deflection at specified load; Board (cellulosic fiber)
01/S05	ASTM C209 (para. 11 in 72 version)	Tensile strength; Parallel to surface; Board (cellulosic fiber)
01/S06	ASTM C209 (para. 12 in 72 version)	Tensile strength; Perpendicular to surface
01/S07	ASTM C273	Shear test; Sandwich construction
01/S08	ASTM C446	Breaking load/modulus of rupture; Preformed pipe insulation
01/S09	ASTM D781	Puncture test; Paperboard and fiberboard
01/S10	ASTM D828	Tensile breaking strength; Paper and paperboard
01/T04	ASTM C236	Thermal conductance; Guarded hot box
01/T05	ASTM C335	Thermal conductivity; Pipe insulation
01/T06	ASTM C518	Thermal transmission properties; Heat flow meter
01/T09	ASTM C653	Thermal resistance (Rec. Practice); Blanket (mineral fiber)
01/T10	ASTM C687	Thermal resistance (Rec. Practice); Loose-fill (fibrous)
01/V04	ASTM E96	Water vapor transmission; Thin sheets (proc. A)

NOTE: Accreditation is granted on 10/12/80 and expires on 10/11/81.

KELSO INDUSTRIES, INC.
Attn: Mr. Chris G. Slate
Building Materials Company Div.
Quality Control Laboratory
7002 Port Industrial Blvd.
P. O. Box 659
Galveston, TX 77553
Phone: (713) 744-5341

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
02/M01	ASTM C31	Making and Curing Concrete Test Specimens in the Field
02/M03	ASTM C172	Sampling Fresh Concrete
02/P01	ASTM C143	Slump of Portland Cement Concrete
02/W01	ASTM C138	Unit Weight, Yield, and Air Content (Gravimetric) of Concrete
02/A01	ASTM C231	Air Content of Freshly Mixed Concrete by the Pressure Method
02/S01	ASTM C39	Compressive Strength of Cylindrical Concrete Specimens
02/A02	ASTM C173	Air Content of Freshly Mixed Concrete by the Volumetric Method

NOTE: Accreditation is granted on 12/22/80 and expires on 12/21/81.

LANDER THERMAL CONDUCTIVITY LABORATORY
Attn: Mr. R. M. Lander
1320 West 28th Street
Minneapolis, MN 55408
Phone: (612) 872-7230

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
01/T01	ASTM C177	Thermal transmission properties; Low-temperature guarded hot plate
01/T05	ASTM C335	Thermal conductivity; Pipe insulation

NOTE: Accreditation is granted on 10/14/80 and expires on 10/13/81.

LOUISIANA-PACIFIC CORPORATON, PABCO R & D LABORATORY
Attn: Mr. F. B. Hutto, Jr.
1110 16th Road
Fruita, CO 81521
Phone: (303) 858-3694

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
01/T05	ASTM C335	Thermal conductivity; Pipe insulation

NOTE: Accreditation is granted on 10/12/80 and expires on 10/11/81.

LOWRY TESTING LABORATORIES
Attn: Mr. Thomas G. Connelly
123 Commerce Circle
P. O. Box 13340
Sacramento, CA 95813
Phone: (916) 929-9012

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
02/M01	ASTM C31	Making and Curing Concrete Test Specimens in the Field
02/M03	ASTM C172	Sampling Fresh Concrete
02/P01	ASTM C143	Slump of Portland Cement Concrete
02/W01	ASTM C138	Unit Weight, Yield, and Air Content (Gravimetric) of Concrete
02/A01	ASTM C231	Air Content of Freshly Mixed Concrete by the Pressure Method
02/S01	ASTM C39	Compressive Strength of Cylindrical Concrete Specimens
02/A02	ASTM C173	Air Content of Freshly Mixed Concrete by the Volumetric Method

NOTE: Accreditation is granted on 12/22/80 and expires on 12/21/81.

MATERIALS SERVICE CORPORATION
Attn: Mr. John M. Albinger
901 North Sangamon
Chicago, IL 60622
Phone: (312) 372-3600

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
02/M01	ASTM C31	Making and Curing Concrete Test Specimens in the Field
02/M03	ASTM C172	Sampling Fresh Concrete
02/P01	ASTM C143	Slump of Portland Cement Concrete
02/W01	ASTM C138	Unit Weight, Yield, and Air Content (Gravimetric) of Concrete
02/A01	ASTM C231	Air Content of Freshly Mixed Concrete by the Pressure Method
02/S01	ASTM C39	Compressive Strength of Cylindrical Concrete Specimens

NOTE: Accreditation is granted on 12/22/80 and expires on 12/21/81.

MATERIALS TESTING CONSULTANTS, INC.
Attn: Mr. Robert T. Billington
693 Plymouth, N.E.
Grand Rapids, MI 49505
Phone: (616) 456-5469

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
02/M01	ASTM C31	Making and Curing Concrete Test Specimens in the Field
02/M03	ASTM C172	Sampling Fresh Concrete
02/P01	ASTM C143	Slump of Portland Cement Concrete
02/W01	ASTM C138	Unit Weight, Yield, and Air Content (Gravimetric) of Concrete
02/A01	ASTM C231	Air Content of Freshly Mixed Concrete by the Pressure Method
02/S01	ASTM C39	Compressive Strength of Cylindrical Concrete Specimens
02/A02	ASTM C173	Air Content of Freshly Mixed Concrete by the Volumetric Method

NOTE: Accreditation is granted on 10/20/80 and expires on 10/19/81.

MOHASCO CORPORATION, PHYSICAL TESTING LABORATORY
Attn: Mr. Piet Bodenhorst
57 Lyon Street
Amsterdam, NY 12010
Phone: (518) 841-2172

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
03/C01	AATCC 16E	Colorfastness to Light (Xenon Arc)
03/C02	AATCC 8	Colorfastness to Crocking
03/D01	ASTM D418	Methods of Testing Woven and Tufted Pile Floor Coverings
		Pile Weight - Uncoated (Para. 10-19)
		Pile Weight - Coated (Para. 20-29) as modified by UM 44C
		Pile Thickness - (Para. 30-36)
		Tuft Height - (Para. 37-45) as modified by UM 44C
03/U02	DDD-C-95A	Shrinkage
03/S01	ASTM D1335	Tuft Bind of Floor Coverings
	Federal Test Method Standard 191-5100	Textile Test Method - Breaking Strength
	191-5950	Textile Test Method - Delamination
03/E01	AATCC 134/ CRI 102	Electrostatic Propensity of Carpets
03/F03	DoC FF1-70	Methenamine Pill Test
03/F04	ASTM E648	Radiant Panel (Carpet)

NOTE: Accreditation is granted on 10/20/80 and expires on 10/19/81.

NAHB RESEARCH FOUNDATION, INC.
Attn: Mr. Burt Wilsker
627 Southlawn Lane
P. O. Box 1627
Rockville, MD 20850
Phone: (301) 762-4200

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
01/D02	ASTM C167	Thickness and density; Blanket and batt
01/D13	ASTM C519	Density; Loose-fill (fibrous)
01/T06	ASTM C518	Thermal transmission properties; Heat flow meter
01/T09	ASTM C653	Thermal resistance (Rec. Practice); Blanket (mineral fiber)
C1/T10	ASTM C687	Thermal resistance (Rec. Practice); Loose-fill (fibrous)

NOTE: Accreditation is granted on 10/12/80 and expires on 10/11/81.

NORTHERN TESTING LABORATORIES, INC., BILLINGS, MONTANA LABORATORY
Attn: Mr. Larry G. O'Dell
600 South 25th Street
P. O. Box 30615
Billings, MT 59107
Phone: (406) 248-9161

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
02/M01	ASTM C31	Making and Curing Concrete Test Specimens in the Field
02/M03	ASTM C172	Sampling Fresh Concrete
02/P01	ASTM C143	Slump of Portland Cement Concrete
02/W01	ASTM C138	Unit Weight, Yield, and Air Content (Gravimetric) of Concrete
02/A01	ASTM C231	Air Content of Freshly Mixed Concrete by the Pressure Method
02/S01	ASTM C39	Compressive Strength of Cylindrical Concrete Specimens
02/A02	ASTM C173	Air Content of Freshly Mixed Concrete by the Volumetric Method

NOTE: Accreditation is granted on 10/20/80 and expires on 10/19/81.

NORTHERN TESTING LABORATORIES, INC., BOISE, IDAHO LABORATORY
Attn: Mr. Roger W. Pocta
370 Benjamin Lane
P. O. Box 7867
Boise, ID 83707
Phone: (208) 377-2100

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
02/M01	ASTM C31	Making and Curing Concrete Test Specimens in the Field
02/M03	ASTM C172	Sampling Fresh Concrete
02/P01	ASTM C143	Slump of Portland Cement Concrete
02/W01	ASTM C138	Unit Weight, Yield, and Air Content (Gravimetric) of Concrete
02/A01	ASTM C231	Air Content of Freshly Mixed Concrete by the Pressure Method
02/S01	ASTM C39	Compressive Strength of Cylindrical Concrete Specimens
02/A02	ASTM C173	Air Content of Freshly Mixed Concrete by the Volumetric Method

NOTE: Accreditation is granted on 10/20/80 and expires on 10/19/81.

NORTHERN TESTING LABORATORIES, INC., GREAT FALLS, MONTANA LABORATORY
Attn: Mr. Robert W. Gillespie
528 Smelter Avenue
P. O. Box 951
Great Falls, MT 59403
Phone: (406) 453-1641

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
02/M01	ASTM C31	Making and Curing Concrete Test Specimens in the Field
02/M03	ASTM C172	Sampling Fresh Concrete
02/P01	ASTM C143	Slump of Portland Cement Concrete
02/W01	ASTM C138	Unit Weight, Yield, and Air Content (Gravimetric) of Concrete
02/A01	ASTM C231	Air Content of Freshly Mixed Concrete by the Pressure Method
02/S01	ASTM C39	Compressive Strength of Cylindrical Concrete Specimens
02/A02	ASTM C173	Air Content of Freshly Mixed Concrete by the Volumetric Method

NOTE: Accreditation is granted on 12/22/80 and expires on 12/21/81.

OLIN CORPORATION, PHYSICAL TESTING LABORATORY
Attn: Mr. D. Robert Shine
275 S. Winchester Avenue, Bldg. 117C
New Haven, CT 06511
Phone: (203) 789-5892

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
01/D18	ASTM D1622	Apparent density; Rigid cellular plastics
01/D19	ASTM D2126	Response to thermal and humid; Aging (proc. B); Rigid cellular plastics
01/D21	ASTM D2126	Response to thermal and humid; Aging (proc. E); Rigid cellular plastics
01/S07	ASTM C273	Shear test; Sandwich construction
01/T06	ASTM C518	Thermal transmission properties; Heat flow meter

NOTE: Accreditation is granted on 10/14/80 and expires on 10/13/81.

OWENS-CORNING FIBERGLAS CORP., TECHNICAL CENTER LABORATORY
Attn: Mr. Harland E. Fargo
Route 16, P. O. Box 415
Granville, OH 43023
Phone: (614) 587-7010

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
01/C01	ASTM C739 (para. 7.7 in 77 version)	Corrosiveness; Cellulosic fiber (loose-fill)
01/C02	HH-I-515 (para. 4.8.5 in D version, Amendment 1)	Corrosiveness; Cellulosic fiber (loose-fill)
01/D02	ASTM C167	Thickness and density; Blanket and batt
01/D03	ASTM C209 (para. 6 in 72 version)	Thickness; Board (cellulosic fiber)
01/D04	ASTM C209 (para. 13 in 72 version)	Water absorption, 2 hour; Board (cellulosic fiber)
01/D05	ASTM C209 (para. 13 in 72 version) by D1037 (para. 100-106 in 72 version)	Water absorption, 24 hour; Board (cellulosic fiber)
01/D06	ASTM C209 (para. 13 in 72 version) by D1037 (para. 107-110 in 72 version)	Linear expansion; Board (cellulosic fiber)
01/D07	ASTM C272	Water absorption; Core materials
01/D08	ASTM C302	Density; Preformed pipe insulation
01/D09	ASTM C303	Density; Preformed block insulation
01/D10	ASTM C355	Water vapor transmission; Thick materials; Desiccant method

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
01/D11	ASTM C356	Linear shrinkage; Soaking heat; Preformed high temperature insulation
01/D12	ASTM C411	Hot-surface performance; High temperature insulation
01/D13	ASTM C519	Density; Loose-fill (fibrous)
01/D15	ASTM D756	Weight and shape changes; Accelerated service (proc. A); Plastics
01/D16	ASTM D756	Weight and shape changes; Accelerated service (proc. B); Plastics
01/D17	ASTM D756	Weight and shape changes; Accelerated service (proc. E); Plastics
01/D18	ASTM D1622	Apparent density; Rigid cellular plastics
01/D19	ASTM D2126	Response to thermal and humid; Aging (proc. B); Rigid cellular plastics
01/D20	ASTM D2126	Response to thermal and humid; Aging (proc. D); Rigid cellular plastics
01/D21	ASTM D2126	Response to thermal and humid; Aging (proc. E); Rigid cellular plastics
01/D22	ASTM D2126	Response to thermal and humid; Aging (proc. F); Rigid cellular plastics
01/D23	ASTM D2842	Water absorption; Rigid cellular plastics
01/D24	ASTM C739 (para. 7.5 in 77 version)	Moisture absorption; Cellulosic fiber (loose-fill)
01/D25	HH-I-515 (para. 4.8.3 in D version, Amendment 1)	Moisture absorption; Cellulosic fiber (loose-fill)
01/D26	HH-I-515 (para. 4.8.1 in D version, Amendment 1)	Settled density; Cellulosic fiber (loose-fill)
01/F01	ASTM D777 (as modified by HH-B-100B)	Flammability; Paper and paperboard
01/F02	ASTM E84	Surface burning characteristics; Building materials
01/F05	ASTM E136	Behavior of Materials in a Vertical Tube Furnace
01/F07	HH-I-515 (para. 4.8.7 in D version, Amendment 1)	Critical radiant flux; Radiant Panel (cellulosic fiber, loose-fill)
01/F08	HH-I-515 (para. 4.8.8 in D version, Amendment 1)	Smoldering combustion; Cellulosic fiber (loose-fill)
01/S01	ASTM C165	Compressive properties; Thermal insulation (proc. A)
01/S02	ASTM C203	Breaking load/flexural strength; Preformed block insulation
01/S03	ASTM C209 (para. 9 in 72 version)	Transverse strength; Board (cellulosic fiber)
01/S04	ASTM C209 (para. 10 in 72 version)	Deflection at specified load; Board (cellulosic fiber)

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
01/S05	ASTM C209 (para. 11 in 72 version)	Tensile strength; Parallel to surface; Board (cellulosic fiber)
01/S06	ASTM C209 (para. 12 in 72 version)	Tensile strength; Perpendicular to surface
01/S07	ASTM C273	Shear test; Sandwich construction
01/S08	ASTM C446	Breaking load/modulus of rupture; Preformed pipe insulation
01/S09	ASTM D781	Puncture test; Paperboard and fiberboard
01/S10	ASTM D828	Tensile breaking strength; Paper and paperboard
01/S11	ASTM D1621	Compressive properties; Rigid cellular plastics (proc. A-Crosshead)
01/T01	ASTM C177	Thermal transmission properties; Low-temperature guarded hot plate
01/T04	ASTM C236	Thermal conductance; Guarded hot box
01/T05	ASTM C335	Thermal conductivity; Pipe insulation
01/T06	ASTM C518	Thermal transmission properties; Heat flow meter
01/T09	ASTM C653	Thermal resistance (Rec. Practice); Blanket (mineral fiber)
01/T10	ASTM C687	Thermal resistance (Rec. Practice); Loose-fill (fibrous)
01/V02	ASTM D591	Starch in paper; Qualitative test
01/V03	ASTM D2020	Mildew (fungus) resistance; Paper and paperboard
01/V04	ASTM E96	Water vapor transmission; Thin sheets (proc. A)
01/V05	HH-I-515 (para. 4.8.6 in D version, Amendment 1)	Fungus; Cellulosic fiber (loose-fill)
01/V06	HH-I-515 (para. 4.8.9 in D version, Amendment 1)	Starch; Cellulosic fiber (loose-fill)

NOTE: Accreditation is granted on 10/12/80 and expires on 10/11/81.

OWENS-CORNING FIBERGLAS CORP.
BARRINGTON, NEW JERSEY PLANT LABORATORY
Attn: Mr. Harland E. Fargo
Route 16, P. O. Box 415
Granville, OH 43023
Phone: (614) 587-7010

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
01/D02	ASTM C167	Thickness and density; Blanket and batt
01/D09	ASTM C303	Density; Preformed block insulation
01/T06	ASTM C518	Thermal transmission properties; Heat flow meter

NOTE: Accreditation is granted on 10/12/80 and expires on 10/11/81.

OWENS-CORNING FIBERGLAS CORP.
DELMAR, NEW YORK PLANT LABORATORY
Attn: Mr. Harland E. Fargo
Route 16, P. O. Box 415
Granville, OH 43023
Phone: (614) 587-7010

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
01/D02	ASTM C167	Thickness and density; Blanket and batt
01/T06	ASTM C518	Thermal transmission properties; Heat flow meter

NOTE: Accreditation is granted on 10/12/80 and expires on 10/11/81.

OWENS-CORNING FIBERGLAS CORP.
FAIRBURN, GEORGIA PLANT LABORATORY
Attn: Mr. Harland E. Fargo
Route 16, P. O. Box 415
Granville, OH 43023
Phone: (614) 587-7010

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
01/D02	ASTM C167	Thickness and density; Blanket and batt
01/T06	ASTM C518	Thermal transmission properties; Heat flow meter

NOTE: Accreditation is granted on 10/12/80 and expires on 10/11/81.

OWENS-CORNING FIBERGLAS CORP.
KANSAS CITY, KANSAS PLANT LABORATORY
Attn: Mr. Harland E. Fargo
Route 16, P. O. Box 415
Granville, OH 43023
Phone: (614) 587-7010

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
01/D02	ASTM C167	Thickness and density; Blanket and batt
01/D09	ASTM C303	Density; Preformed block insulation
01/T06	ASTM C518	Thermal transmission properties; Heat flow meter

NOTE: Accreditation is granted on 10/12/80 and expires on 10/11/81.

OWENS-CORNING FIBERGLAS CORP.
NEWARK, OHIO PLANT LABORATORY
Attn: Mr. Harland E. Fargo
Route 16, P. O. Box 415
Granville, OH 43023
Phone: (614) 587-7010

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
01/D02	ASTM C167	Thickness and density; Blanket and batt
01/D09	ASTM C303	Density; Preformed block insulation
01/T06	ASTM C518	Thermal transmission properties; Heat flow meter

NOTE: Accreditation is granted on 10/12/80 and expires on 10/11/81.

OWENS-CORNING FIBERGLAS CORP.
SANTA CLARA, CALIFORNIA PLANT LABORATORY
Attn: Mr. Harland E. Fargo
Route 16, P. O. Box 415
Granville, OH 43023
Phone: (614) 587-7010

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
01/D02	ASTM C167	Thickness and density; Blanket and batt
01/D09	ASTM C303	Density; Preformed block insulation
01/T06	ASTM C518	Thermal transmission properties; Heat flow meter

NOTE: Accreditation is granted on 10/12/80 and expires on 10/11/81.

OWENS-CORNING FIBERGLAS CORP.
WAXAHACHIE, TEXAS PLANT LABORATORY
Attn: Mr. Harland E. Fargo
Route 16, P. O. Box 415
Granville, OH 43023
Phone: (614) 587-7010

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
01/D02	ASTM C167	Thickness and density; Blanket and batt
01/D09	ASTM C303	Density; Preformed block insulation
01/T06	ASTM C518	Thermal transmission properties; Heat flow meter

NOTE: Accreditation is granted on 10/12/80 and expires on 10/11/81.

PORTLAND CEMENT ASSOCIATION, CONSTRUCTION TECHNOLOGY LABORATORIES
Attn: Mr. W. K. Kunze, Jr.
5420 Old Orchard Road
Skokie, IL 60077
Phone: (312) 966-6200

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
02/M01	ASTM C31	Making and Curing Concrete Test Specimens in the Field
02/M03	ASTM C172	Sampling Fresh Concrete
02/P01	ASTM C143	Slump of Portland Cement Concrete
02/W01	ASTM C138	Unit Weight, Yield, and Air Content (Gravimetric) of Concrete
02/A01	ASTM C231	Air Content of Freshly Mixed Concrete by the Pressure Method
02/S01	ASTM C39 Concrete Specimens	Compressive Strength of Cylindrical
02/A02	ASTM C173	Air Content of Freshly Mixed Concrete by the Volumetric Method

NOTE: Accreditation is granted on 10/20/80 and expires on 10/19/81.

SHAW INDUSTRIES, INC., QUALITY CONTROL LABORATORY
Attn: Mr. Carey Mitchell
P. O. Drawer 2128
Dalton, GA 30720
Phone: (404) 278-3812

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
03/C01	AATCC 16E	Colorfastness to Light (Xenon Arc)
03/C02	AATCC 8	Colorfastness to Crocking
03/F03	DoC FF1-70	Methenamine Pill Test

NOTE: Accreditation is granted on 10/20/80 and expires on 10/19/81.

SMITH-EMERY COMPANY
Attn: Mr. George E. Battey, Jr.
781 E. Washington Blvd.
Los Angeles, CA 90021
Phone: (213) 749-3411

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
02/M01	ASTM C31	Making and Curing Concrete Test Specimens in the Field
02/M03	ASTM C172	Sampling Fresh Concrete
02/P01	ASTM C143	Slump of Portland Cement Concrete

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
02/W01	ASTM C138	Unit Weight, Yield, and Air Content (Gravimetric) of Concrete
02/A01	ASTM C231	Air Content of Freshly Mixed Concrete by the Pressure Method
02/S01	ASTM C39	Compressive Strength of Cylindrical Concrete Specimens
02/A02	ASTM C173	Air Content of Freshly Mixed Concrete by the Volumetric Method

NOTE: Accreditation is granted on 12/22/80 and expires on 12/21/81.

SOIL TESTING SERVICES, INC.
Attn: Mr. Clyde N. Baker, Jr.
111 Pfingsten Road
Northbrook, IL 60062
Phone: (312) 272-6520

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
02/M01	ASTM C31	Making and Curing Concrete Test Specimens in the Field
02/M03	ASTM C172	Sampling Fresh Concrete
02/P01	ASTM C143	Slump of Portland Cement Concrete
02/W01	ASTM C138	Unit Weight, Yield, and Air Content (Gravimetric) of Concrete
02/A01	ASTM C231	Air Content of Freshly Mixed Concrete by the Pressure Method
02/S01	ASTM C39	Compressive Strength of Cylindrical Concrete Specimens
02/A02	ASTM C173	Air Content of Freshly Mixed Concrete by the Volumetric Method

NOTE: Accreditation is granted on 12/22/80 and expires on 12/21/81.

SOUTHWEST RESEARCH INSTITUTE, DEPARTMENT OF FIRE TECHNOLOGY
Attn: Mr. Gordon E. Hartzell
6220 Culebra Road
San Antonio, TX 78229
Phone: (512) 684-5111

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
01/C02	HH-I-515 (para. 4.8.5 in D version, Amendment 1)	Corrosiveness; Cellulosic fiber (loose-fill)
01/D25	HH-I-515 (para. 4.8.3 in D version, Amendment 1)	Moisture absorption; Cellulosic fiber (loose-fill)

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
01/F06	ASTM C739 (para. 10.4 in 77 version)	Flame resistance permanency cellulosic fiber (loose-fill)
01/T04	ASTM C236	Thermal conductance; Guarded hot box
01/V02	ASTM D591	Starch in paper; Qualitative test
01/V03	ASTM D2020	Mildew (fungus) resistance; Paper and paperboard
01/V05	HH-I-515 (para. 4.8.6 in D version, Amendment 1)	Fungus; Cellulosic fiber (loose-fill)
01/V06	HH-I-515 (para. 4.8.9 in D version, Amendment 1)	Starch; Cellulosic fiber (loose-fill)
03/F01	ASTM E84	Surface Flammability (Carpet)
03/F02	UL 992	Surface Flammability
03/F03	DoC FF1-70	Methenamine Pill Test
03/F04	ASTM E648	Radiant Panel (Carpet)

NOTE: Accreditation is granted on 10/12/80 and expires on 10/19/81.

SOUTHWESTERN LABORATORIES
Attn: Mr. William J. Harper
222 Cavalcade
P. O. Box 8768
Houston, TX 77009
Phone: (713) 852-2323

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
02/M01	ASTM C31	Making and Curing Concrete Test Specimens in the Field
02/M03	ASTM C172	Sampling Fresh Concrete
02/P01	ASTM C143	Slump of Portland Cement Concrete
02/W01	ASTM C138	Unit Weight, Yield, and Air Content (Gravimetric) of Concrete
02/A01	ASTM C231	Air Content of Freshly Mixed Concrete by the Pressure Method
02/S01	ASTM C39	Compressive Strength of Cylindrical Concrete Specimens
02/A02	ASTM C173	Air Content of Freshly Mixed Concrete by the Volumetric Method

NOTE: Accreditation is granted on 10/20/80 and expires on 10/19/81.

SPARRELL ENGINEERING RESEARCH CORP.
Attn: Mr. James K. Sparrell
Bristol Road
P. O. Box 130
Damariscotta, ME 04543

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
01/T01	ASTM C177	Thermal transmission properties; Low-temperature guarded hot plate
01/T04	ASTM C236	Thermal conductance; Guarded hot box
01/T06	ASTM C518	Thermal transmission properties; Heat flow meter

NOTE: Accreditation is granted on 10/12/80 and expires on 10/11/81.

STANDARD TESTING AND ENGINEERING COMPANY
Attn: Mr. Lawrence V. Mars
3400 Lincoln Blvd.
Oklahoma, OK 73105
Phone: (405) 528-0541

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
02/M01	ASTM C31	Making and Curing Concrete Test Specimens in the Field
02/M03	ASTM C172	Sampling Fresh Concrete
02/P01	ASTM C143	Slump of Portland Cement Concrete
02/W01	ASTM C138	Unit Weight, Yield, and Air Content (Gravimetric) of Concrete
02/A01	ASTM C231	Air Content of Freshly Mixed Concrete by the Pressure Method
02/S01	ASTM C39	Compressive Strength of Cylindrical Concrete Specimens
02/A02	ASTM C173	Air Content of Freshly Mixed Concrete by the Volumetric Method

NOTE: Accreditation is granted on 12/22/80 and expires on 12/21/81.

THE TANNER COMPANIES, UNITED METRO DIVISION LABORATORY
Attn: Mr. Richard H. Stearman
3240 South 19th Avenue
Phoenix, AZ 85036
Phone: (602) 262-1323

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
02/M01	ASTM C31	Making and Curing Concrete Test Specimens in the Field
02/M03	ASTM C172	Sampling Fresh Concrete
02/P01	ASTM C143	Slump of Portland Cement Concrete
02/W01	ASTM C138	Unit Weight, Yield, and Air Content (Gravimetric) of Concrete
02/A01	ASTM C231	Air Content of Freshly Mixed Concrete by the Pressure Method
02/S01	ASTM C39	Compressive Strength of Cylindrical Concrete Specimens
02/A02	ASTM C173	Air Content of Freshly Mixed Concrete by the Volumetric Method

NOTE: Accreditation is granted on 12/22/80 and expires on 12/21/81.

TECHNICAL MICRONICS CONTROL, INC.
Attn: Mr. Ronald K. McClendon
210 Wynn Drive
P. O. Box 1330
Huntsville, AL 35805
Phone: (205) 837-4430

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
01/C02	HH-I-515 (para. 4.8.5 in D version, Amendment 1)	Corrosiveness; Cellulosic fiber (loose-fill)
01/D26	HH-I-515 (para. 4.8.1 in D version, Amendment 1)	Settled density; Cellulosic fiber (loose-fill)
01/F07	HH-I-515 (para. 4.8.7 in D version, Amendment 1)	Critical radiant flux; Radiant Panel (cellulosic fiber, loose-fill)
01/F08	HH-I-515 (para. 4.8.8 in D version, Amendment 1)	Smoldering combustion; Cellulosic fiber (loose-fill)
01/T01	ASTM C177	Thermal transmission properties; Low-temperature guarded hot plate
01/T06	ASTM C518	Thermal transmission properties; Heat flow meter
01/V05	HH-I-515 (para. 4.8.6 in D version, Amendment 1)	Fungus; Cellulosic fiber (loose-fill)
03/F04	ASTM E648	Radiant Panel (Carpet)

NOTE: Accreditation is granted on 10/12/80 and expires on 10/19/81.

TESTING ENGINEERS, INC., OAKLAND, CALIFORNIA LABORATORY
Attn: Mr. Clifford N. Craig
P. O. Box 24075
Oakland, CA 94623
Phone: (415) 835-3142

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
02/M01	ASTM C31	Making and Curing Concrete Test Specimens in the Field
02/M03	ASTM C172	Sampling Fresh Concrete
02/P01	ASTM C143	Slump of Portland Cement Concrete
02/W01	ASTM C138	Unit Weight, Yield, and Air Content (Gravimetric) of Concrete
02/A01	ASTM C231	Air Content of Freshly Mixed Concrete by the Pressure Method
02/S01	ASTM C39	Compressive Strength of Cylindrical Concrete Specimens
02/A02	ASTM C173	Air Content of Freshly Mixed Concrete by the Volumetric Method

NOTE: Accreditation is granted on 10/20/80 and expires on 10/19/81.

TESTING ENGINEERS, INC., SANTA CLARA, CALIFORNIA LABORATORY
Attn: Mr. Lee W. Mattis
401 Aldo Avenue
Santa Clara, CA 95050
Phone: (408) 988-8888

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
02/M01	ASTM C31	Making and Curing Concrete Test Specimens in the Field
02/M03	ASTM C172	Sampling Fresh Concrete
02/P01	ASTM C143	Slump of Portland Cement Concrete
02/W01	ASTM C138	Unit Weight, Yield, and Air Content (Gravimetric) of Concrete
02/A01	ASTM C231	Air Content of Freshly Mixed Concrete by the Pressure Method
02/S01	ASTM C39	Compressive Strength of Cylindrical Concrete Specimens
02/A02	ASTM C173	Air Content of Freshly Mixed Concrete by the Volumetric Method

NOTE: Accreditation is granted on 10/20/80 and expires on 10/19/81.

TEXAS TESTING LABORATORIES, INC.
Attn: Mr. Robert L. Henry
1526 S. Good-Latimer Exp.
P. O. Box 2144
Dallas, TX 75221
Phone: (214) 428-7481

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
02/M01	ASTM C31	Making and Curing Concrete Test Specimens in the Field
02/M03	ASTM C172	Sampling Fresh Concrete
02/P01	ASTM C143	Slump of Portland Cement Concrete
02/W01	ASTM C138	Unit Weight, Yield, and Air Content (Gravimetric) of Concrete
02/A01	ASTM C231	Air Content of Freshly Mixed Concrete by the Pressure Method
02/S01	ASTM C39	Compressive Strength of Cylindrical Concrete Specimens
02/A02	ASTM C173	Air Content of Freshly Mixed Concrete by the Volumetric Method

NOTE: Accreditation is granted on 10/20/80 and expires on 10/19/81.

THERMTRON RESEARCH LABORATORY
Attn: Mr. Milton L. Gerber
11400 Bluffton Road
P. O. Box 9146
Fort Wayne, IN 46809
Phone: (219) 747-9183

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
01/C02	HH-I-515 (para. 4.8.5 in D version, Amendment 1)	Corrosiveness; Cellulosic fiber (loose-fill)
01/D25	HH-I-515 (para. 4.8.1 in D version, Amendment 1)	Settled density; Cellulosic fiber (loose-fill)
01/F07	HH-I-515 (para. 4.8.7 in D version, Amendment 1)	Critical radiant flux; Radiant Panel (cellulosic fiber, loose-fill)
01/F08	HH-I-515 (para. 4.8.8 in D version, Amendment 1)	Smoldering combustion; Cellulosic fiber (loose-fill)

NOTE: Accreditation is granted on 10/14/80 and expires on 10/13/81.

TREND/ROXBURY DIVISIONS OF WWG INDUSTRIES, INC.
Attn: Mr. Tom Blalock
P. O. Box 162
Redmond Road
Rome, GA 30161
Phone: (404) 291-5349

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
03/C01	AATCC 16E	Colorfastness to Light (Xenon Arc)
03/C02	AATCC 8	Colorfastness to Crocking
03/D01	ASTM D418	Methods of Testing Woven and Tufted Pile Floor Coverings Pile Weight - Uncoated (Para. 10-19) Pile Weight - Coated (Para. 20-29) as modified by UM 44C Pile Thickness - (Para. 30-36) Tuft Height - (Para. 37-45) as modified by UM 44C
03/D02	DDD-C-95A	Shrinkage
03/S01	ASTM D1335	Tuft Bind of Floor Coverings
	Federal Test Method Standard 191-5100	Textile Test Method - Breaking Strength
	191-5950	Textile Test Method - Delamination
03/F03	DoC FF1-70	Methenamine Pill Test
03/B02	UM 44C Addenda 2 and 3	Attached Cushion Tests

NOTE: Accreditation is granted on 10/20/80 and expires on 10/19/81.

TWIN CITY TESTING AND ENGINEERING LABORATORY, INC.
Attn: Mr. Norman E. Henning
662 Cromwell Avenue
St. Paul, MN 55114
Phone: (612) 645-3601

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
01/D10	ASTM C355	Water vapor transmission; Thick materials; Desiccant method
01/D18	ASTM D1622	Apparent density; Rigid cellular plastics
01/T04	ASTM C236	Thermal conductance; Guarded hot box
02/M01	ASTM C31	Making and Curing Concrete Test Specimens in the Field
02/M03	ASTM C172	Sampling Fresh Concrete
02/P01	ASTM C143	Slump of Portland Cement Concrete
02/W01	ASTM C138	Unit Weight, Yield, and Air Content (Gravimetric) of Concrete
02/A01	ASTM C231	Air Content of Freshly Mixed Concrete by the Pressure Method

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
02/S01	ASTM C39	Compressive Strength of Cylindrical Concrete Specimens
02/A02	ASTM C173	Air Content of Freshly Mixed Concrete by the Volumetric Method

NOTE: Accreditation is granted on 10/14/80 and expires on 12/21/81.

UNDERWRITERS LABORATORIES, INC., NORTHBROOK, ILLINOIS
Attn: Mr. Steve Mazzoni
333 Pfingsten Road
Northbrook, IL 60062
Phone: (312) 272-8800

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
01/C01	ASTM C739 (para. 7.7 in 77 version)	Corrosiveness; Cellulosic fiber (loose-fill)
01/C02	HH-I-515 (para. 4.8.5 in D version, Amendment 1)	Corrosiveness; Cellulosic fiber (loose-fill)
01/D01	ASTM C136	Sieve or screen analysis
01/D02	ASTM C167	Thickness and density; Blanket and batt
01/D03	ASTM C209 (para. 6 in 72 version)	Thickness; Board (cellulosic fiber)
01/D04	ASTM C209 (para. 13 in 72 version)	Water absorption, 2 hour; Board (cellulosic fiber)
01/D05	ASTM C209 (para. 13 in 72 version) by D1037 (para. 100-106 in 72 version)	Water absorption, 24 hour; Board (cellulosic fiber)
01/D06	ASTM C209 (para. 13 in 72 version) by D1037 (para. 107-110 in 72 version)	Linear expansion; Board (cellulosic fiber)
01/D08	ASTM C302	Density; Preformed pipe insulation
01/D09	ASTM C303	Density; Preformed block insulation
01/D13	ASTM C519	Density; Loose-fill (fibrous)
01/D14	ASTM C520	Density; Granular loose-fill
01/D18	ASTM D1622	Apparent density; Rigid cellular plastics
01/D24	ASTM C739 (para. 7.5 in 77 version)	Moisture absorption; Cellulosic fiber (loose-fill)
01/D25	HH-I-515 (para. 4.8.3 in D version, Amendment 1)	Moisture absorption; Cellulosic fiber (loose-fill)
01/D26	HH-I-515 (para. 4.8.1 in D version, Amendment 1)	Settled density; Cellulosic fiber (loose-fill)

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
01/F02	ASTM E84	Surface burning characteristics; Building materials
01/F06	ASTM C739 (para. 10.4 in 77 version)	Flame resistance permanency; Cellulosic fiber (loose-fill)
01/F07	HH-I-515 (para. 4.8.7 in D version, Amendment 1)	Critical radiant flux; Radiant Panel (cellulosic fiber, loose-fill)
01/F08	HH-I-515 (para. 4.8.8 in D version, Amendment 1)	Smoldering combustion; Cellulosic fiber (loose-fill)
01/S02	ASTM C203	Breaking load/flexural strength; Preformed block insulation
01/S03	ASTM C209 (para. 9 in 72 version)	Transverse strength; Board (cellulosic fiber)
01/S04	ASTM C209 (para. 10 in 72 version)	Deflection at specified load; Board (cellulosic fiber)
01/S05	ASTM C209 (para. 11 in 72 version)	Tensile strength; Parallel to surface; Board (cellulosic fiber)
01/S06	ASTM C209 (para. 12 in 72 version)	Tensile strength; Perpendicular to surface
01/S08	ASTM C446	Breaking load/modulus of rupture; Preformed pipe insulation
01/S11	ASTM D1621	Compressive properties; Rigid cellular plastics (proc. A-Crosshead)
01/T06	ASTM C518	Thermal transmission properties; Heat flow meter
01/T09	ASTM C653	Thermal resistance (Rec. Practice); Blanket (mineral fiber)
01/T10	ASTM C687	Thermal resistance (Rec. Practice); Loose-fill (fibrous)
01/V02	ASTM D591	Starch in paper; Qualitative test
01/V03	ASTM D2020	Mildew (fungus) resistance; Paper and paperboard
01/V05	HH-I-515 (para. 4.8.6 in D version, Amendment 1)	Fungus; Cellulosic fiber (loose-fill)
01/V06	HH-I-515 (para. 4.8.9 in D version, Amendment 1)	Starch; Cellulosic fiber (loose-fill)
03/F01	ASTM E84	Surface Flammability (Carpet)
03/F02	UL 992	Surface Flammability
03/F03	DoC FF1-70	Methenamine Pill Test
03/F04	ASTM E648	Radiant Panel (Carpet)

NOTE: Accreditation is granted on 10/12/80 and expires on 10/19/81.

UNDERWRITERS LABORATORIES, INC., SANTA CLARA, CALIFORNIA LABORATORY
Attn: Mr. Steve Mazzoni
333 Pfingsten Road
Northbrook, IL 60062
Phone: (312) 272-8800

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
01/D13	ASTM C519	Density; Loose-fill (fibrous)
01/D26	HH-I-515 (para. 4.8.1 in D version, Amendment 1)	Settled density; Cellulosic fiber (loose-fill)
01/F02	ASTM E84	Surface burning characteristics; Building materials
01/F07	HH-I-515 (para. 4.8.7 in D version, Amendment 1)	Critical radiant flux; Radiant Panel (cellulosic fiber, loose-fill)

NOTE: Accreditation is granted on 10/12/80 and expires on 10/11/81.

U.S. TESTING COMPANY, INC., HOBOKEN, NEW JERSEY
Attn: Mr. Carl B. Yoder
1415 Park Avenue
Hoboken, NJ 07030
Phone: (201) 792-2400

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
01/C02	HH-I-515 (para. 4.8.5 in D version, Amendment 1)	Corrosiveness; Cellulosic fiber (loose-fill)
01/D10	ASTM C355	Water vapor transmission; Thick materials; Desiccant method
01/D25	HH-I-515 (para. 4.8.3 in D version, Amendment 1)	Moisture absorption; Cellulosic fiber (loose-fill)
01/D26	HH-I-515 (para. 4.8.1 in D version, Amendment 1)	Settled density; Cellulosic fiber (loose-fill)
01/F02	ASTM E84	Surface burning characteristics; Building materials
01/F05	ASTM E136	Behavior of Materials in a Vertical Tube Furnace
01/F07	HH-I-515 (para. 4.8.7 in D version, Amendment 1)	Critical radiant flux; Radiant Panel (cellulosic fiber, loose-fill)
01/F08	HH-I-515 (para. 4.8.8 in D version, Amendment 1)	Smoldering combustion; Cellulosic fiber (loose-fill)
01/T06	ASTM C518	Thermal transmission properties; Heat flow meter

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
01/V04	ASTM E96	Water vapor transmission; Thin sheets (proc. A)
01/V05	HH-I-515 (para. 4.8.6 in D version, Amendment 1)	Fungus; Cellulosic fiber (loose-fill)
01/V06	HH-I-515 (para. 4.8.9 in D version, Amendment 1)	Starch; Cellulosic fiber (loose-fill)
02/M01	ASTM C31	Making and Curing Concrete Test Specimens in the Field
02/M03	ASTM C172	Sampling Fresh Concrete
02/P01	ASTM C143	Slump of Portland Cement Concrete
02/W01	ASTM C138	Unit Weight, Yield, and Air Content (Gravimetric) of Concrete
02/A01	ASTM C231	Air Content of Freshly Mixed Concrete by the Pressure Method
02/S01	ASTM C39	Compressive Strength of Cylindrical Concrete Specimens
02/A02	ASTM C173	Air Content of Freshly Mixed Concrete by the Volumetric Method
03/C01	AATCC 16E	Colorfastness to Light (Xenon Arc)
03/C02	AATCC 8	Colorfastness to Crocking
03/D01	ASTM D418	Methods of Testing Woven and Tufted Pile Floor Coverings Pile Weight - Uncoated (Para. 10-19) Pile Weight - Coated (Para. 20-29) as modified by UM 44C Pile Thickness - (Para. 30-36) Tuft Height - (Para. 37-45) as modified by UM 44C
03/D02	DDD-C-95A	Shrinkage
03/S01	ASTM D1335	Tuft Bind of Floor Coverings
	Federal Test Method Standard 191-5100 191-5950	Textile Test Method - Breaking Strength Textile Test Method - Delamination
03/F01	ASTM E84	Surface Flammability (Carpet)
03/F03	DoC FF1-70	Methenamine Pill Test
03/F04	ASTM E648	Radiant Panel (Carpet)
03/B02	UM 44C Addenda 2 and 3	Attached Cushion Tests

NOTE: Accreditation is granted on 10/12/80 and expires on 10/19/81.

U.S. TESTING COMPANY, INC., CALIFORNIA BRANCH LABORATORY
Attn: Mr. Carl B. Yoder
1415 Park Avenue
Hoboken, NJ 07030
Phone: (201) 792-2400

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
01/C02	HH-I-515 (para. 4.8.5 in D version, Amendment 1)	Corrosiveness; Cellulosic fiber (loose-fill).
01/D18	ASTM D1622	Apparent density; Rigid cellular plastics
01/D21	ASTM D2126	Response to thermal and humid; Aging (proc. E); Rigid cellular plastics
01/D25	HH-I-515 (para. 4.8.3 in D version, Amendment 1)	Moisture absorption; Cellulosic fiber (loose-fill)
01/D26	HH-I-515 (para. 4.8.1 in D version, Amendment 1)	Settled density; Cellulosic fiber (loose-fill)
01/F02	ASTM E84	Surface burning characteristics; Building materials
01/F05	ASTM E136	Behavior of Materials in a Vertical Tube Furnace
01/F07	HH-I-515 (para. 4.8.7 in D version, Amendment 1)	Critical radiant flux; Radiant Panel (cellulosic fiber, loose-fill)
01/F08	HH-I-515 (para. 4.8.8 in D version, Amendment 1)	Smoldering combustion; Cellulosic fiber (loose-fill)
01/S11	ASTM D1621	Compressive properties; Rigid cellular plastics (proc. A-Crosshead)
01/V04	ASTM E96	Water vapor transmission; Thin sheets (proc. A)
01/V06	HH-I-515 (para. 4.8.9 in D version, Amendment 1)	Starch; Cellulosic fiber (loose-fill)
03/C01	AATCC 16E	Colorfastness to Light (Xenon Arc)
03/C02	AATCC 8	Colorfastness to Crocking
03/D01	ASTM D418	Methods of Testing Woven and Tufted Pile Floor Coverings Pile Weight - Uncoated (Para. 10-19) Pile Weight - Coated (Para. 20-29) as modified by UM 44C Pile Thickness - (Para. 30-36) Tuft Height - (Para. 37-45) as modified by UM 44C
03/D02	DDD-C-95A	Shrinkage
03/S01	ASTM D1335	Tuft Bind of Floor Coverings
	Federal Test Method Standard 191-5100 191-5950	Textile Test Method - Breaking Strength Textile Test Method - Delamination

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
03/F01	ASTM E84	Surface Flammability (Carpet)
03/F03	DoC FF1-70	Methenamine Pill Test
03/F04	ASTM E648	Radiant Panel (Carpet)
03/B01	UM 44C Addendum 3	Attached Cushion Tests

NOTE: Accreditation is granted on 10/12/80 and expires on 10/19/81.

U.S. TESTING COMPANY, INC., TULSA BRANCH LABORATORY
Attn: Mr. Carl B. Yoder
1415 Park Avenue
Hoboken, NJ 07030
Phone: (201) 792-2400

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
01/C02	HH-I-515 (para. 4.8.5 in D version, Amendment 1)	Corrosiveness; Cellulosic fiber (loose-fill)
01/D10	ASTM C355	Water vapor transmission; Thick materials; Desiccant method
01/D18	ASTM D1622	Apparent density; Rigid cellular plastics
01/D25	HH-I-515 (para. 4.8.3 in D version, Amendment 1)	Moisture absorption; Cellulosic fiber (loose-fill)
01/D26	HH-I-515 (para. 4.8.1 in D version, Amendment 1)	Settled density; Cellulosic fiber (loose-fill)
01/F08	HH-I-515 (para. 4.8.8 in D version, Amendment 1)	Smoldering combustion; Cellulosic fiber (loose-fill)
01/V05	HH-I-515 (para. 4.8.6 in D version, Amendment 1)	Fungus; Cellulosic fiber (loose-fill)
01/V06	HH-I-515 (para. 4.8.9 in D version, Amendment 1)	Starch; Cellulosic fiber (loose-fill)

NOTE: Accreditation is granted on 10/12/80 and expires on 10/11/81.

W. R. GRACE & COMPANY
Attn: Mr. Heyman C. Duecker
Construction Products Division
Cement and Concrete Laboratory
62 Whittemore Avenue
Cambridge, MA 02140
Phone: (617) 876-1400

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
02/M01	ASTM C31	Making and Curing Concrete Test Specimens in the Field
02/M03	ASTM C172	Sampling Fresh Concrete
02/P01	ASTM C143	Slump of Portland Cement Concrete
02/W01	ASTM C138	Unit Weight, Yield, and Air Content (Gravimetric) of Concrete
02/A01	ASTM C231	Air Content of Freshly Mixed Concrete by the Pressure Method
02/S01	ASTM C39	Compressive Strength of Cylindrical Concrete Specimens
02/A02	ASTM C173	Air Content of Freshly Mixed Concrete by the Volumetric Method

NOTE: Accreditation is granted on 12/22/80 and expires on 12/21/81.

THE WALT KEELER COMPANY, INC.
Attn: Mr. Earl F. Callison, Jr.
826 E. Lincoln
P. O. Box 197
Wichita, KN 67201
Phone: (316) 265-0615

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
02/M01	ASTM C31	Making and Curing Concrete Test Specimens in the Field
02/M03	ASTM C172	Sampling Fresh Concrete
02/P01	ASTM C143	Slump of Portland Cement Concrete
02/W01	ASTM C138	Unit Weight, Yield, and Air Content (Gravimetric) of Concrete
02/A01	ASTM C231	Air Content of Freshly Mixed Concrete by the Pressure Method

NOTE: Accreditation is granted on 12/22/80 and expires on 12/21/81.

WORLD CARPETS, INC., R & D
Attn: Mr. Charles Howell
One World Plaza
Dalton, GA 30720
Phone: (404) 278-8000

NVLAP Code	Test Method Designation	Short Title (property) Subtitle (if applicable)
03/C01	AATCC 16E	Colorfastness to Light (Xenon Arc)
03/C02	AATCC 8	Colorfastness to Crocking
03/D01	ASTM D418	Methods of Testing Woven and Tufted Pile Floor Coverings
		Pile Weight - Uncoated (Para. 10-19)
		Pile Weight - Coated (Para. 20-29) as modified by UM 44C
		Pile Thickness - (Para. 30-36)
		Tuft Height - (Para. 37-45) as modified by UM 44C
03/D02	DDD-C-95A	Shrinkage
03/S01	ASTM D1335	Tuft Bind of Floor Coverings
	Federal Test Method Standard 191-5100	Textile Test Method - Breaking Strength
	191-5950	Textile Test Method - Delamination
03/F03	DoC FF1-70	Methenamine Pill Test

NOTE: Accreditation is granted on 10/20/80 and expires on 10/19/81.

APPENDIX 2

LIST OF TEST METHODS AND THE LABORATORIES ACCREDITED TO PERFORM EACH TEST METHOD

INSULATION LAP -- CORROSIVENESS TEST METHODS

01/C01 ASTM C739 Corrosiveness; cellulosic fiber (loose-fill)(para. 7.7 in 77 version)
- OWENS-CORNING FIBERGLAS CORP., TECHNICAL CENTER LABORATORY
- UNDERWRITERS LABORATORIES, INC., NORTHBROOK, ILLINOIS

01/C02 HH-I-515 Corrosiveness; cellulosic fiber (loose-fill)(para. 4.8.5 in D version, Amendment 1)
- CERTAINTEED CORPORATION, RESEARCH & DEVELOPMENT LABORATORY
- CERTIFIED TESTING LABORATORIES, INC.
- COMMERCIAL TESTING COMPANY, INC.
- DYNATECH R/D COMPANY
- FACTORY MUTUAL RESEARCH CORP.
- HAUSER LABORATORIES
- INTEST LABORATORIES, INC.
- OWENS-CORNING FIBERGLAS CORP., TECHNICAL CENTER LABORATORY
- SOUTHWEST RESEARCH INSTITUTE, DEPARTMENT OF FIRE TECHNOLOGY
- TECHNICAL MICRONICS CONTROL, INC.
- THERMTRON RESEARCH LABORATORY
- UNDERWRITERS LABORATORIES, INC., NORTHBROOK, ILLINOIS
- U.S. TESTING COMPANY, INC., HOBOKEN, NEW JERSEY
- U.S. TESTING COMPANY, INC., CALIFORNIA BRANCH LABORATORY
- U.S. TESTING COMPANY, INC., TULSA BRANCH LABORATORY

INSULATION LAP - DIMENSIONS, STABILITY, AND DENSITY PROPERTIES TEST METHODS

01/D01 ASTM C136 Sieve or screen analysis
- CERTAINTEED CORPORATION, RESEARCH & DEVELOPMENT LABORATORY
- UNDERWRITERS LABORATORIES, INC., NORTHBROOK, ILLINOIS

01/D02 ASTM C167 Thickness and density; blanket and batt
- CERTAINTEED CORPORATION, RESEARCH & DEVELOPMENT LABORATORY
- JOHNS-MANVILLE SALES CORP., R & D CENTER
- NAHB RESEARCH FOUNDATION, INC.
- OWENS-CORNING FIBERGLAS CORP., TECHNICAL CENTER LABORATORY
- OWENS-CORNING FIBERGLAS CORP., BARRINGTON, NEW JERSEY PLANT LABORATORY
- OWENS-CORNING FIBERGLAS CORP., DELMAR, NEW YORK PLANT LABORATORY
- OWENS-CORNING FIBERGLAS CORP., FAIRBURN, GEORGIA PLANT LABORATORY
- OWENS-CORNING FIBERGLAS CORP., KANSAS CITY, KANSAS PLANT LABORATORY
- OWENS-CORNING FIBERGLAS CORP., NEWARK, OHIO PLANT LABORATORY
- OWENS-CORNING FIBERGLAS CORP., SANTA CLARA, CALIFORNIA PLANT LABORATORY
- OWENS-CORNING FIBERGLAS CORP., WAXAHACHIE, TEXAS PLANT LABORATORY
- UNDERWRITERS LABORATORIES, INC., NORTHBROOK, ILLINOIS

01/D03 ASTM C209 Thickness; board (cellulosic fiber) (para. 6 in 72 version)
- JIM WALTER RESEARCH CORPORATION
- JOHNS-MANVILLE SALES CORP., R & D CENTER
- OWENS-CORNING FIBERGLAS CORP., TECHNICAL CENTER LABORATORY
- UNDERWRITERS LABORATORIES, INC., NORTHBROOK, ILLINOIS

01/D04 ASTM C209 Water absorption, 2 hour; board (cellulosic fiber)(para. 13 in 72 version)
JIM WALTER RESEARCH CORPORATION
JOHNS-MANVILLE SALES CORP., R & D CENTER
OWENS-CORNING FIBERGLAS CORP., TECHNICAL CENTER LABORATORY
UNDERWRITERS LABORATORIES, INC., NORTHBROOK, ILLINOIS

01/D05 ASTM C209 Water absorption, 24 hour; board (cellulosic fiber)(para. 13 in 72 version by D1037; para. 100-106 in 72 version)
JIM WALTER RESEARCH CORPORATION
JOHNS-MANVILLE SALES CORP., R & D CENTER
OWENS-CORNING FIBERGLAS CORP., TECHNICAL CENTER LABORATORY
UNDERWRITERS LABORATORIES, INC., NORTHBROOK, ILLINOIS

01/D06 ASTM C209 Linear expansion; board (cellulosic fiber)(para. 13 in 72 version by D1037; para. 107-110 in 72 version)
JIM WALTER RESEARCH CORPORATION
JOHNS-MANVILLE SALES CORP., R & D CENTER
OWENS-CORNING FIBERGLAS CORP., TECHNICAL CENTER LABORATORY
UNDERWRITERS LABORATORIES, INC., NORTHBROOK, ILLINOIS

01/D07 ASTM C272 Water absorption; core materials
DOW CHEMICAL U.S.A., GRANVILLE R & D CENTER
OWENS-CORNING FIBERGLAS CORP., TECHNICAL CENTER LABORATORY

01/D08 ASTM C302 Density; preformed pipe insulation
CERTAINTEED CORPORATION, RESEARCH & DEVELOPMENT LABORATORY
JOHNS-MANVILLE SALES CORP., R & D CENTER
OWENS-CORNING FIBERGLAS CORP., TECHNICAL CENTER LABORATORY
UNDERWRITERS LABORATORIES, INC., NORTHBROOK, ILLINOIS

01/D09 ASTM C303 Density; preformed block insulation
CERTAINTEED CORPORATION, RESEARCH & DEVELOPMENT LABORATORY
JIM WALTER RESEARCH CORPORATION
JOHNS-MANVILLE SALES CORP., R & D CENTER
OWENS-CORNING FIBERGLAS CORP., TECHNICAL CENTER LABORATORY
OWENS-CORNING FIBERGLAS CORP., BARRINGTON, NEW JERSEY PLANT LABORATORY
OWENS-CORNING FIBERGLAS CORP., KANSAS CITY, KANSAS PLANT LABORATORY
OWENS-CORNING FIBERGLAS CORP., NEWARK, OHIO PLANT LABORATORY
OWENS-CORNING FIBERGLAS CORP., SANTA CLARA, CALIFORNIA PLANT LABORATORY
OWENS-CORNING FIBERGLAS CORP., WAXAHACHIE, TEXAS PLANT LABORATORY
UNDERWRITERS LABORATORIES, INC., NORTHBROOK, ILLINOIS

01/D10 ASTM C355 Water vapor transmission; thick materials; desiccant method
DONALD S. GILMORE LABORATORIES, THE UPJOHN COMPANY
DOW CHEMICAL U.S.A., GRANVILLE R & D CENTER
JOHNS-MANVILLE SALES CORP., TECHNICAL CENTER LABORATORY
OWENS-CORNING FIBERGLAS CORP., TECHNICAL CENTER LABORATORY
TWIN CITY TESTING & ENGINEERING LABORATORY, INC.
U.S. TESTING COMPANY, INC., HOBOKEN, NEW JERSEY
U.S. TESTING COMPANY, INC., TULSA BRANCH LABORATORY

01/D11 ASTM C356 Linear shrinkage; soaking heat; preformed high temperature insulation
JOHNS-MANVILLE SALES CORP., R & D CENTER
OWENS-CORNING FIBERGLAS CORP., TECHNICAL CENTER LABORATORY

01/D12 ASTM C411 Hot-surface performance; high temperature insulation
HAUSER LABORATORIES
JOHNS-MANVILLE SALES CORP., R & D CENTER
OWENS-CORNING FIBERGLAS CORP., TECHNICAL CENTER LABORATORY

01/D13 ASTM C519 Density; loose-fill (fibrous)
CERTAINTEED CORPORATION, RESEARCH & DEVELOPMENT LABORATORY
JOHNS-MANVILLE SALES CORP., R & D CENTER
NAHB RESEARCH FOUNDATION, INC.
OWENS-CORNING FIBERGLAS CORP., TECHNICAL CENTER LABORATORY
UNDERWRITERS LABORATORIES, INC., NORTHBROOK, ILLINOIS
UNDERWRITERS LABORATORIES, INC., SANTA CLARA, CALIFORNIA

01/D14 ASTM C520 Density; granular loose-fill
JOHNS-MANVILLE SALES CORP., R & D CENTER
UNDERWRITERS LABORATORIES, INC., NORTHBROOK, ILLINOIS

01/D15 ASTM D756 Weight and shape changes; accelerated service (proc. A); plastics
OWENS-CORNING FIBERGLAS CORP., TECHNICAL CENTER LABORTORY

01/D16 ASTM D756 Weight and shape changes; accelerated service (proc. B); plastics
OWENS-CORNING FIBERGLAS CORP., TECHNICAL CENTER LABORATORY

01/D17 ASTM D756 Weight and shape changes; accelerated service (proc. E); plastics
OWENS-CORNING FIBERGLAS CORP., TECHNICAL CENTER LABORATORY

01/D18 ASTM D1622 Apparent density; rigid cellular plastics
DONALD S. GILMORE LABORATORIES, THE UPJOHN COMPANY
DOW CHEMICAL U.S.A., GRANVILLE R & D CENTER
JIM WALTER RESEARCH CORPORATION
OLIN CORPORATION, PHYSICAL TESTING LABORATORY
OWENS-CORNING FIBERGLAS CORP., TECHNICAL CENTER LABORATORY
TWIN CITY TESTING & ENGINEERING LABORATORY, INC.
UNDERWRITERS LABORATORIES, INC., NORTHBROOK, ILLINOIS
U.S. TESTING COMPANY, INC., CALIFORNIA BRANCH LABORATORY
U.S. TESTING COMPANY, INC., TULSA BRANCH LABORATORY

01/D19 ASTM D2126 Response to thermal and humid; aging (proc. B); rigid cellular plastics
DONALD S. GILMORE LABORATORIES, THE UPJOHN COMPANY
DOW CHEMICAL U.S.A., GRANVILLE R & D CENTER
JIM WALTER RESEARCH CORPORATION
OLIN CORPORATION, PHYSICAL TESTING LABORATORY
OWENS-CORNING FIBERGLAS CORP., TECHNICAL CENTER LABORATORY

01/D20 ASTM D2126 Response to thermal and humid; aging (proc. D); rigid cellular plastics
DONALD S. GILMORE LABORATORIES, THE UPJOHN COMPANY
DOW CHEMICAL U.S.A., GRANVILLE R & D CENTER
JIM WALTER RESEARCH CORPORATION
OWENS-CORNING FIBERGLAS CORP., TECHNICAL CENTER LABORATORY

01/D21 ASTM D2126 Response to thermal and humid; aging (proc. E); rigid cellular plastics
DOW CHEMICAL U.S.A., GRANVILLE R & D CENTER
JIM WALTER RESEARCH CORPORATION
OLIN CORPORATION, PHYSICAL TESTING LABORATORY
OWENS-CORNING FIBERGLAS CORP., TECHNICAL CENTER LABORATORY
U.S. TESTING COMPANY, INC., CALIFORNIA BRANCH LABORATORY

01/D22 ASTM D2126 Response to thermal and humid; aging (proc. F); rigid cellular plastics
DOW CHEMICAL U.S.A., GRANVILLE R & D CENTER
JIM WALTER RESEARCH CORPORATION
OWENS-CORNING FIBERGLAS CORP., TECHNICAL CENTER LABORATORY

01/D23 ASTM D2842 Water absorption; rigid cellular plastics
DONALD S. GILMORE LABORATORIES, THE UPJOHN COMPANY
DOW CHEMICAL U.S.A., GRANVILLE R & D CENTER
JIM WALTER RESEARCH CORPORATION
OWENS-CORNING FIBERGLAS CORP., TECHNICAL CENTER LABORATORY
01/D24 ASTM C739 Moisture absorption; cellulosic fiber (loose-fill) (para. 7.5 in 77 version)
OWENS-CORNING FIBERGLAS CORP., TECHNICAL CENTER LABORATORY
UNDERWRITERS LABORATORIES, INC., NORTHBROOK, ILLINOIS
01/D25 HH-I-515 Moisture absorption; cellulosic fiber (loose-fill) (para. 4.8.3 in D version, Amendment 1)
CERTAINTEED CORPORATION, RESEARCH & DEVELOPMENT LABORATORY
CERTIFIED TESTING LABORATORIES, INC.
COMMERCIAL TESTING COMPANY, INC.
DYNATECH R/D COMPANY
FACTORY MUTUAL RESEARCH CORP.
HAUSER LABORATORIES
INTEST LABORATORIES, INC.
OWENS-CORNING FIBERGLAS CORP., TECHNICAL CENTER LABORATORY
SOUTHWEST RESEARCH INSTITUTE, DEPARTMENT OF FIRE TECHNOLOGY
UNDERWRITERS LABORATORIES, INC., NORTHBROOK, ILLINOIS
U.S. TESTING COMPANY, INC., HOBOKEN, NEW JERSEY
U.S. TESTING COMPANY, INC., CALIFORNIA BRANCH LABORATORY
U.S. TESTING COMPANY, INC., TULSA BRANCH LABORATORY
01/D26 HH-I-515 Settled density; cellulosic fiber (loose-fill) (para. 4.8.1 in D version, Amendment 1)
CERTAINTEED CORPORATION, RESEARCH & DEVELOPMENT LABORATORY
CERTIFIED TESTING LABORATORIES, INC.
COMMERCIAL TESTING COMPANY
DYNATECH R/D COMPANY
FACTORY MUTUAL RESEARCH CORP.
HAUSER LABORATORIES
INTEST LABORATORIES, INC.
OWENS-CORNING FIBERGLAS CORP., TECHNICAL CENTER LABORATORY
TECHNICAL MICRONICS CONTROL, INC.
THERMTRON RESEARCH LABORATORY
UNDERWRITERS LABORATORIES, INC., NORTHBROOK, ILLINOIS
UNDERWRITERS LABORATORIES, INC., SANTA CLARA, CALIFORNIA LABORATORY
U.S. TESTING COMPANY, INC., HOBOKEN, NEW JERSEY
U.S. TESTING COMPANY, INC., CALIFORNIA BRANCH LABORATORY
U.S. TESTING COMPANY, INC., TULSA, BRANCH LABORATORY

INSULATION LAP - FIRE PROPERTIES TEST METHODS

01/F01 ASTM D777(as modified by HH-B-1008)Flammability; paper and paperboard
CERTAINTEED CORPORATION, RESEARCH & DEVELOPMENT LABORATORY
JOHNS-MANVILLE SALES CORP., R & D CENTER
OWENS-CORNING FIBERGLAS CORP., TECHNICAL CENTER LABORATORY
01/F02 ASTM E84 Surface burning characteristics; building materials
COMMERCIAL TESTING COMPANY, INC.
FACTORY MUTUAL RESEARCH CORP.
HARDWOOD PLYWOOD MANUFACTURERS ASSOCIATION
JOHNS-MANVILLE SALES CORP., R & D CENTER

OWENS-CORNING FIBERGLAS CORP., TECHNICAL CENTER LABORATORY
UNDERWRITERS LABORATORIES, INC., NORTHBROOK, ILLINOIS
UNDERWRITERS LABORATORIES, INC., SANTA CLARA, CALIFORNIA
U.S. TESTING COMPANY, INC., HOBOKEN, NEW JERSEY
U.S. TESTING COMPANY, INC., CALIFORNIA BRANCH LABORATORY
01/F05 ASTM E136 Behavior of Materials in a Vertical Tube Furnace
CERTAINTEED CORPORATION, RESEARCH & DEVELOPMENT LABORATORY
HAUSER LABORATORIES
JOHNS-MANVILLE SALES CORP., R & D CENTER
OWENS-CORNING FIBERGLAS CORP., TECHNICAL CENTER LABORATORY
U.S. TESTING COMPANY, INC., HOBOKEN, NEW JERSEY
U.S. TESTING COMPANY, INC., CALIFORNIA BRANCH LABORATORY
01/F06 ASTM C739 Flame resistance permanency; cellulosic fiber (loose-fill) (para. 10.4 in 77 version)
SOUTHWEST RESEARCH INSTITUTE, DEPARTMENT OF FIRE TECHNOLOGY
UNDERWRITERS LABORATORIES, INC., NORTHBROOK, ILLINOIS
01/F07 HH-I-515 Critical radiant flux; radiant panel (cellulosic fiber, loose-fill)(para. 4.8.7 in D version, Amendment 1)
CERTAINTEED CORPORATION, RESEARCH & DEVELOPMENT LABORATORY
CERTIFIED TESTING LABORATORIES, INC.
COMMERCIAL TESTING COMPANY, INC.
FACTORY MUTUAL RESEARCH CORP.
HARDWOOD PLYWOOD MANUFACTURERS ASSOCIATION
HAUSER LABORATORIES
INTEST LABORATORIES, INC.
OWENS-CORNING FIBERGLAS CORP., TECHNICAL CENTER LABORATORY
TECHNICAL MICRONICS CONTROL, INC.
THERMTRON RESEARCH LABORATORY
UNDERWRITERS LABORATORIES, INC., NORTHBROOK, ILLINOIS
UNDERWRITERS LABORATORIES, INC., SANTA CLARA, CALIFORNIA
U.S. TESTING COMPANY, INC., HOBOKEN, NEW JERSEY
U.S. TESTING COMPANY, INC., CALIFORNIA BRANCH LABORATORY
01/F08 HH-I-515 Smoldering combustion; cellulosic fiber (loose-fill) (para. 4.8.8 in D version, Amendment 1)
CERTAINTEED CORPORATION, RESEARCH & DEVELOPMENT LABORATORY
CERTIFIED TESTING LABORATORIES, INC.
COMMERCIAL TESTING COMPANY, INC.
FACTORY MUTUAL RESEARCH CORP.
HAUSER LABORATORIES
INTEST LABORATORIES, INC.
OWENS-CORNING FIBERGLAS CORP., TECHNICAL CENTER LABORATORY
TECHNICAL MICRONICS CONTROL, INC.
THERMTRON RESEARCH LABORATORY
UNDERWRITERS LABORATORIES, INC., NORTHBROOK, ILLINOIS
U.S. TESTING COMPANY, INC., HOBOKEN, NEW JERSEY
U.S. TESTING COMPANY, INC., CALIFORNIA BRANCH LABORATORY
U.S. TESTING COMPANY, INC., TULSA BRANCH LABORATORY

INSULATION LAP - STRENGTH PROPERTIES TEST METHODS

01/S01 ASTM C165 Compressive properties; thermal insulation (proc. A)
CERTAINTEED CORPORATION, RESEARCH & DEVELOPMENT LABORATORY
DOW CHEMICAL U.S.A., GRANVILLE R & D CENTER

JIM WALTER RESEARCH CORPORATION
JOHNS-MANVILLE SALES CORP., R & D CENTER
OWENS-CORNING FIBERGLAS CORP., TECHNICAL CENTER LABORATORY

01/S02 ASTM C203 Breaking load/flexural strength; preformed block insulation
DONALD S. GILMORE LABORATORIES, THE UPJOHN COMPANY
DOW CHEMICAL U.S.A., GRANVILLE R & D CENTER
JIM WALTER RESEARCH CORPORATION
JOHNS-MANVILLE SALES CORP., R & D CENTER
OWENS-CORNING FIBERGLAS CORP., TECHNICAL CENTER LABORTORY
UNDERWRITERS LABORATORIES, INC., NORTHBROOK, ILLINOIS

01/S03 ASTM C209 Transverse strength; board (cellulosic fiber) (para. 9 in 72 version)
JIM WALTER RESEARCH CORPORATION
JOHNS-MANVILLE SALES CORP., R & D CENTER
OWENS-CORNING FIBERGLAS CORP., TECHNICAL CENTER LABORATORY
UNDERWRITERS LABORATORIES, INC., NORTHBROOK, ILLINOIS

01/S04 ASTM C209 Deflection at specified load; board (cellulosic fiber) (para. 10 in 72 version)
JIM WALTER RESEARCH CORPORATION
JOHNS-MANVILLE SALES CORP., R & D CENTER
OWENS-CORNING FIBERGLAS CORP., TECHNICAL CENTER LABORATORY
UNDERWRITERS LABORATORIES, INC., NORTHBROOK, ILLINOIS

01/S05 ASTM C209 Tensile strength; parallel to surface; board (cellulosic fiber (para. 11 in 72 version)
JIM WALTER RESEARCH CORPORATION
JOHNS-MANVILLE SALES CORP., R & D CENTER
OWENS-CORNING FIBERGLAS CORP., TECHNICAL CENTER LABORATORY
UNDERWRITERS LABORATORIES, INC., NORTHBROOK, ILLINOIS

01/S06 ASTM C209 Tensile strength; perpendicular to surface (para. 12 in 72 version)
JIM WALTER RESEARCH CORPORATION
JOHNS-MANVILLE SALES CORP., R & D CENTER
OWENS-CORNING FIBERGLAS CORP., TECHNICAL CENTER LABORATORY
UNDERWRITERS LABORATORIES, INC., NORTHBROOK, ILLINOIS

01/S07 ASTM C273 Shear test; sandwich construction
DONALD S. GILMORE LABORATORIES, THE UPJOHN COMPANY
JIM WALTER RESEARCH CORPORATION
JOHNS-MANVILLE SALES CORP., R & D CENTER
OLIN CORPORATION, PHYSICAL TESTING LABORATORY
OWENS-CORNING FIBERGLAS CORP., TECHNICAL CENTER LABORATORY

01/S08 ASTM C445 Breaking load/modulus of rupture; preformed pipe insulation
CERTAINTEED CORPORATION, RESEARCH & DEVELOPMENT LABORATORY
JOHNS-MANVILLE SALES CORP., R & D CENTER
OWENS-CORNING FIBERGLAS CORP., TECHNICAL CENTER & LABORATORY
UNDERWRITERS LABORATORIES, INC., NORTHBROOK, ILLINOIS

01/S09 ASTM D781 Puncture test; paperboard and fiberboard
CERTAINTEED CORPORATION, RESEARCH & DEVELOPMENT LABORATORY
JOHNS-MANVILLE SALES CORP., R & D CENTER
OWENS-CORNING FIBERGLAS CORP., TECHNICAL CENTER LABORATORY

01/S10 ASTM D828 Tensile breaking strength; paper and paperboard
CERTAINTEED CORPORATION RESEASRCH & DEVELOPMENT LABORATORY
JOHNS-MANVILLE SALES CORP., R & D CENTER
OWENS-CORNING FIBERGLAS CORP., TECHNICAL CENTER LABORATORY

01/S11 ASTM D1621 Compressive properties; rigid cellular plastics (proc. A-crosshead)
DONALD S. GILMORE LABORATORIES, THE UPJOHN COMPANY
DOW CHEMICAL U.S.A, GRANVILLE R & D CENTER
JIM WALTER RESEARCH CORPORATION
OWENS-CORNING FIBERGLAS CORP., TECHNICAL CENTER LABORATORY
UNDERWRITERS LABORATORIES, INC., NORTHBROOK, ILLINOIS
U.S. TESTING COMPANY, INC., CALIFORNIA BRANCH LABORATORY

INSULATION LAP - THERMAL PROPERTIES TEST METHODS

01/T01 ASTM C177 Thermal transmission properties; low-temperature guarded hot plate
CERTAINTEED CORPORATION, RESEARCH & DEVELOPMENT LABORATORY
DOW CHEMICAL U.S.A., GRANVILLE R & D CENTER
DYNATECH R/D COMPANY
GEOSCIENCE LTD.
JIM WALTER RESEARCH CORP.
LANDER THERMAL CONDUCTIVITY LABORATORY
OWENS-CORNING FIBERGLAS CORP., TECHNICAL CENTER LABORATORY
SPARRELL ENGINEERING RESEARCH CORP.
TECHNICAL MICRONICS CONTROL, INC.

01/T04 ASTM C236 Thermal conductance; guarded hot box
BUTLER MANUFACTURING COMPANY RESEARCH CENTER
CERTAINTEED CORPORATION, RESEARCH & DEVELOPMENT LABORATORY
DYNATECH R/D COMPANY
DYNATHERM ENGINEERING
JIM WALTER RESEARCH CORPORATION
JOHNS-MANVILLE SALES CORP., R & D CENTER
OWENS-CORNING FIBERGLAS CORP., TECHNICAL CENTER LABORATORY
SOUTHWEST RESEARCH INSTITUTE, DEPARTMENT OF FIRE TECHNOLOGY
SPARRELL ENGINEERING RESEARCH CORP.
TWIN CITY TESTING & ENGINEERING LABORATORY, INC.

01/T05 ASTM C335 Thermal conductivity; pipe insulation
CERTAINTEED CORPORATION, RESEARCH & DEVELOPMENT LABORATORY
DYNATECH R/D COMPANY
JIM WALTER RESERCH CORPORATION
JOHNS-MANVILLE SALES CORP., R & D CENTER
LANDER THERMAL CONDUCTIVITY LABORATORY
LOUISIANA-PACIFIC CORPORATION, PABCO R & D LABORATORY
OWENS-CORNING FIBERGLAS CORP., TECHNICAL CENTER LABORATORY

01/T06 ASTM C518 Thermal transmission properties; heat flow meter
BUTLER MANUFACTURING COMPANY RESEARCH CENTER
CERTAINTEED CORPORATION, RESEARCH & DEVELOPMENT LABORATORY
COMMERCIAL TESTING COMPANY, INC.
DONALD S. GILMORE LABORATORIES, THE UPJOHN COMPANY
DOW CHEMICAL U.S.A., GRANVILLE R & D CENTER
DYNATECH R/D COMPANY
HAUSER LABORATORIES
JIM WALTER RESEARCH CORP.
JOHNS-MANVILLE SALES CORP., R & D CENTER
NAHB RESEARCH FOUNDATION, INC.
OLIN CORPORATION, PHYSICAL TESTING LABORATORY
OWENS-CORNING FIBERGLAS CORP., TECHNICAL CENTER LABORATORY

OWENS-CORNING FIBERGLAS CORP., BARRINGTON, NEW JERSEY PLANT LABORATORY
OWENS-CORNING FIBERGLAS CORP., DELMAR, NEW YORK, PLANT LABORATORY
OWENS-CORNING FIBERGLAS CORP., FAIRBURN, GEORGIA PLANT LABORATORY
OWENS-CORNING FIBERGLAS CORP., KANSAS CITY, KANSAS PLANT LABORATORY
OWENS-CORNING FIBERGLAS CORP., NEWARK, OHIO PLANT LABORATORY
OWENS-CORNING FIBERGLAS CORP., SANTA CLARA, CALIFORNIA PLANT LABORATORY
OWENS-CORNING FIBERGLAS CORP., WAXAHACHIE, TEXAS PLANT LABORATORY
SPARRELL ENGINEERING RESEARCH CORP.
TECHNICAL MICRONICS CONTROL, INC.
UNDERWRITERS LABORATORIES, INC., NORTHBROOK, ILLINOIS
U.S. TESTING COMPANY, INC., HOBOKEN, NEW JERSEY

01/T09 ASTM C653 Thermal resistance (rec. practice); blanket (mineral fiber)
CERTAINTEED CORPORATION, RESEARCH & DEVELOPMENT LABORATORY
JOHNS-MANVILLE SALES CORP., R & D CENTER
HAUSER LABORATORIES
NAHB RESEARCH FOUNDATION, INC.
OWENS-CORNING FIBERGLAS CORP., TECHNICAL CENTER LABORATORY
UNDERWRITERS LABORATORIES, INC., NORTHBROOK, ILLINOIS

01/T10 ASTM C687 Thermal resistance (rec. practice); loose-fill (fibrous)
CERTAINTEED CORPORATION, RESEARCH & DEVELOPMENT LABORATORY
HAUSER LABORATORIES
JOHNS-MANVILLE SALES CORP., R & D CENTER
NAHB RESEARCH FOUNDATION, INC.
OWENS-CORNING FIBERGLAS CORP., TECHNICAL CENTER LABORATORY
UNDERWRITERS LABORATORIES, INC., NORTHBROOK, ILLINOIS

INSULATION LAP - VAPOR BARRIERS PROPERTIES TEST METHODS

01/V02 ASTM D591 Starch in paper; qualitative test
OWENS-CORNING FIBERGLASS CORP., TECHNICAL CENTER LABORATORY
SOUTHWEST RESEARCH INSTITUTE, DEPARTMENT OF FIRE TECHNOLOGY
UNDERWRITERS LABORATORIES, INC., NORTHBROOK, ILLINOIS

01/V03 ASTM D2020 Mildew (fungus) resistance; paper and paperboard
OWENS-CORNING FIBERGLAS CORP., TECHNICAL CENTER LABORATORY
SOUTHWEST RESEARCH INSTITUTE, DEPARTMENT OF FIRE TECHNOLOGY
UNDERWRITERS LABORATORIES, INC., NORTHBROOK, ILLINOIS

01/V04 ASTM E96 Water vapor transmission; thin sheets (proc. A)
CERTAINTEED CORPORATION, RESEARCH & DEVELOPMENT LABORATORY
DONALD S. GILMORE LABORATORIES, THE UPJOHN COMPANY
JOHNS-MANVILLE SALES CORP., R & D CENTER
OWENS-CORNING FIBERGLAS CORP., TECHNICAL CENTER LABORATORY
U.S. TESTING COMPANY, INC., HOBOKEN, NEW JERSEY
U.S. TESTING COMPANY, INC., CALIFORNIA BRANCH LABORATORY

01/V05 HH-I-515 Fungus; cellulosic fiber (loose-fill) (para. 4.8.6 in D version, Amendment 1)
HAUSER LABORATORIES
OWENS-CORNING FIBERGLAS CORP., TECHNICAL CENTER LABORATORY
SOUTHWEST RESEARCH INSTITUTE, DEPARTMENT OF FIRE TECHNOLOGY
TECHNICAL MICRONICS CONTROL, INC.
UNDERWRITERS LABORATORIES, INC., NORTHBROOK, ILLINOIS
U.S. TESTING COMPANY, INC., HOBOKEN, NEW JERSEY
U.S. TESTING COMPANY, INC., TULSA BRANCH LABORATORY

01/V06 HH-I-515 Starch; cellulosic fiber (loose-fill) (para. 4.8.9 in D version, Amendment 1)
CERTIFIED TESTING LABORATORIES, INC.
COMMERCIAL TESTING COMPANY, INC.
DYNATECH R/D COMPANY
FACTORY MUTUAL RESEARCH CORP.
HAUSER LABORATORIES
INTEST LABORATORIES, INC.
OWENS-CORNING FIBERGLAS CORP., TECHNICAL CENTER LABORATORY
SOUTHWEST RESEARCH INSTITUTE, DEPARTMENT OF FIRE TECHNOLOGY
UNDERWRITERS LABORATORIES, INC., NORTHBROOK, ILLINOIS
U.S. TESTING COMPANY, INC., HOBOKEN, NEW JERSEY
U.S. TESTING COMPANY, INC., CALIFORNIA BRANCH LABORATORY
U.S. TESTING COMPANY, INC., TULSA BRANCH LABORATORY

CONCRETE LAP TEST METHODS

02/M01 ASTM C31 Making and Curing Concrete Test Specimens in the Field
02/M03 ASTM C172 Sampling Fresh Concrete
02/P01 ASTM C143 Slump of Portland Cement Concrete
02/W01 ASTM C138 Unit Weight, Yield, and Air Content (Gravimetric) of Concrete
02/A01 ASTM C231 Air Content of Freshly Mixed Concrete by the Pressure Method
02/S01 ASTM C39 Compressive Strength of Cylindrical Concrete Specimens
02/A02 ASTM C173 Air Content of Freshly Mixed Concrete by the Volumetric Method

AGUIRRE ENGINEERS, INC.
AMERICAN ADMIXTURES CORP.
THE ARUNDEL CORPORATION, GREENSPRING LABORATORY
ATEC ASSOCIATES, INC., OHIO DISTRICT
BOWSER-MORNER TESTING LABS, INC., DAYTON, OHIO LABORATORY
BOWSER-MORNER TESTING LABS, INC., MAYSVILLE, KENTUCKY LABORATORY
BOWSER-MORNER TESTING LABS, INC., TOLEDO, OHIO LABORATORY
CAPITOL CEMENT [1]
CENTRAL READY MIXED CONCRETE, RESEARCH & TECHNCIAL CENTER [1]
CONTRACTORS SUPPLY CORPORATION OF WEST VIRGINIA, INC. [1]
CONTROLLED CONCRETE METHODS, INC. [3]
THE DOLESE COMPANY, ENGINEERING DEPARTMENT LABORATORY
ENGINEERING TESTING LABORATORY [1]
ENGINEERS TESTING LABORATORIES, INC.
FLINTKOTE STONE PRODUCTS CO., QUALITY CONTROL LABORATORIES
FRANKLIN RESEARCH CENTER [1]
GARCO TESTING LABORATORIES
GENERAL TESTING LABORATORIES, INC. [1]
THE H. C. NUTTING COMPANY [1]
HALES TESTING LABORATORIES, INC.
HERRON CONSULTANTS, INC.
KELSO INDUSTRIES, INC.
LOWRY TESTING LABORATORIES
MATERIALS SERVICE CORPORATION [1]
MATERIALS TESTING CONSULTANTS, INC.
NORTHERN TESTING LABORATORIES, INC., BILLINGS, MONTANA LABORATORY
NORTHERN TESTING LABORATORIES, INC., BOISE, IDAHO LABORATORY
NORTHERN TESTING LABORATORIES, INC., GREAT FALLS, MONTANA LABORATORY

PORTLAND CEMENT ASSOCIATION, CONSTRUCTION TECHNOLOGY LABORATORIES
SMITH-EMERY COMPANY
SOIL TESTING SERVICES, INC.
SOUTHWESTERN LABORATORIES
STANDARD TESTING AND ENGINEERING COMPANY
THE TANNER COMPANIES, UNITED METRO DIVISION LABORATORY
TESTING ENGINEERS, INC., OAKLAND, CALIFORNIA LABORATORY
TESTING ENGINEERS, INC., SANTA CLARA, CALIFORNIA LABORATORY
TEXAS TESTING LABORATORIES, INC.
TWIN CITY TESTING & ENGINEERING LABORATORY, INC.
U.S. TESTING COMPANY, INC., HOBOKEN, NEW JERSEY
W. R. GRACE & CO.
THE WALT KEELER COMPANY, INC. 1,2

NOTES: 1--This laboratory is not accredited for test method 02/A02, ASTM C173.
2--This laboratory is not accredited for test method 02/S01, ASTM C39.
3--Effective January 31, 1981, Controlled Concrete Methods, Inc. will discontinue operating as a testing laboratory.

CARPET LAP TEST METHODS

03/C01 AATCC 16E Colorfastness to Light (Xenon Arc)
AMERICAN CARPET LABORATORIES, INC.
ARMSTRONG WORLD INDUSTRIES, INC., MARIETTA CARPET PLANT
BIGELOW-SANFORD, INC., GEORGIA RUG MILL, QUALITY CONTROL LABORATORY
BIGELOW-SANFORD, INC., TECHNICAL SERVICES, GREENVILLE, SOUTH CAROLINA
C. H. MASLAND & SONS
CERTIFIED TESTING LABORATORIES, INC.
CHISHOLM TRAIL TESTING AND ENGINEERING COMPANY, INC.
COMMERCIAL TESTING COMPANY, INC.
CORONET CARPETS
EVANS & BLACK CARPET MILLS, INC.
GALAXY CARPET MILLS, INC., TESTING LABORATORY
INDEPENDENT TEXTILE TESTING SERVICE, INC.
MOHASCO CORPORATION, PHYSICAL TESTING LABORATORY
SHAW INDUSTRIES, INC., QUALITY CONTROL LABORATORY
TREND/ROXBURY DIVISIONS OF WWG INDUSTRIES, INC.
U.S. TESTING COMPANY, INC., HOBOKEN, NEW JERSEY
U.S. TESTING COMPANY, INC., CALIFORNIA BRANCH LABORATORY
WORLD CARPETS, INC., R & D

03/C02 AATCC 8 Colorfastness to Crocking
AMERICAN CARPET LABORATORIES, INC.
ARMSTRONG WORLD INDUSTRIES, INC., MARIETTA CARPET PLANT
BIGELOW-SANFORD, INC., GEORGIA RUG MILL, QUALITY CONTROL LABORATORY
BIGELOW-SANFORD, INC., TECHNICAL SERVICES, GREENVILLE, SOUTH CAROLINA
C. H. MASLAND & SONS
CERTIFIED TESTING LABORATORIES, INC.
CHISHOLM TRAIL TESTING AND ENGINEERING COMPANY, INC.
COMMERCIAL TESTING COMPANY, INC.
CORONET CARPETS
EVANS & BLACK CARPET MILLS, INC.
GALAXY CARPET MILLS, INC., TESTING LABORATORY
INDEPENDENT TEXTILE TESTING SERVICE, INC.

MOHASCO CORPORATION, PHYSICAL TESTING LABORATORY
SHAW INDUSTRIES, INC., QUALITY CONTROL LABORATORY
TREND/ROXBURY DIVISIONS OF WWG INDUSTRIES, INC.
U.S. TESTING COMPANY, INC., HOBOKEN, NEW JERSEY
U.S. TESTING COMPANY, INC., CALIFORNIA BRANCH LABORATORY
WORLD CARPETS, INC., R & D

03/D01 ASTM D418 Methods of Testing Woven and Tufted Pile Floor Coverings: Pile Weight - Uncoated (Para. 10-19); Pile Weight - Coated (Para. 20-29) as modified by UM 44C; Pile Thickness (Para. 30-36); Tuft Height - (Para. 37-45) as modified by UM 44C
AMERICAN CARPET LABORATORIES, INC.
ARMSTRONG WORLD INDUSTRIES, INC., MARIETTA CARPET PLANT
BIGELOW-SANFORD, INC., GEORGIA RUG MILL, QUALITY CONTROL LABORATORY
BIGELOW-SANFORD, INC., TECHNICAL SERVICES, GREENVILLE, SOUTH CAROLINA
C. H. MASLAND & SONS
CERTIFIED TESTING LABORATORIES, INC.
CHISHOLM TRAIL TESTING AND ENGINEERING COMPANY, INC.
COMMERCIAL TESTING COMPANY, INC.
CORONET CARPETS
EVANS & BLACK CARPET MILLS, INC.
GALAXY CARPET MILLS, INC., TESTING LABORATORY
INDEPENDENT TEXTILE TESTING SERVICE, INC.
MOHASCO CORPORATION, PHYSICAL TESTING LABORATORY
TREND/ROXBURY DIVISIONS OF WWG INDUSTRIES, INC.
U.S. TESTING COMPANY, INC., HOBOKEN, NEW JERSEY
U.S. TESTING COMPANY, INC., CALIFORNIA BRANCH LABORATORY
WORLD CARPETS, INC., R & D

03/D02 DDD-C-95A Shrinkage
AMERICAN CARPET LABORATORIES, INC.
ARMSTRONG WORLD INDUSTRIES, INC., MARIETTA CARPET PLANT
BIGELOW-SANFORD, INC., GEORGIA RUG MILL, QUALITY CONTROL LABORATORY
BIGELOW-SANFORD, INC., TECHNICAL SERVICES, GREENVILLE, SOUTH CAROLINA
C. H. MASLAND & SONS
CERTIFIED TESTING LABORATORIES, INC.
CHISHOLM TRAIL TESTING AND ENGINEERING COMPANY, INC.
COMMERCIAL TESTING COMPANY, INC.
CORONET CARPETS
EVANS & BLACK CARPET MILLS, INC.
GALAXY CARPET MILLS, INC., TESTING LABORATORY
INDEPENDENT TEXTILE TESTING SERVICE, INC.
MOHASCO CORPORATION, PHYSICAL TESTING LABORATORY
TREND/ROXBURY DIVISIONS OF WWG INDUSTRIES, INC.
U.S. TESTING COMPANY, INC., HOBOKEN, NEW JERSEY
U.S. TESTING COMPANY, INC., CALIFORNIA BRANCH LABORATORY
WORLD CARPETS, INC., R & D

03/S01 ASTM D1335 Tuft Bind of Floor Coverings (Federal Test Method: Standard 191-5100, Textile Test Method - Breaking Strength; Standard 191-5950, Textile Test Method - Delamination
AMERICAN CARPET LABORATORIES, INC.
ARMSTRONG WORLD INDUSTRIES, INC., MARIETTA CARPET PLANT
BIGELOW-SANFORD, INC., GEORGIA RUG MILL, QUALITY CONTROL LABORATORY
BIGELOW-SANFORD, INC., TECHNICAL SERVICES, GREENVILLE, SOUTH CAROLINA
C. H. MASLAND & SONS
CERTIFIED TESTING LABORATORIES, INC.

CHISHOLM TRAIL TESTING AND ENGINEERING COMPANY, INC.
COMMERCIAL TESTING COMPANY, INC.
CORONET CARPETS
EVANS & BLACK CARPET MILLS, INC.
GALAXY CARPET MILLS, INC., TESTING LABORATORY
INDEPENDENT TEXTILE TESTING SERVICE, INC.
MOHASCO CORPORATION, PHYSICAL TESTING LABORATORY
TREND/ROXBURY DIVISIONS OF WWG INDUSTRIES, INC.
U.S. TESTING COMPANY, INC., HOBOKEN, NEW JERSEY
U.S. TESTING COMPANY, INC., CALIFORNIA BRANCH LABORATORY
WORLD CARPETS, INC., R & D

03/E01 AATCC 134/CRI 102 Electrostatic Propensity of Carpets
BIGELOW-SANFORD, INC., TECHNICAL SERVICES, GREENVILLE, SOUTH CAROLINA
CERTIFIED TESTING LABORATORIES, INC.
INDEPENDENT TEXTILE TESTING SERVICE, INC.
MOHASCO CORPORATION, PHYSICAL TESTING LABORATORY

03/F01 ASTM E84 Surface Flammability (Carpet)
COMMERCIAL TESTING COMPANY, INC.
FACTORY MUTUAL RESEARCH CORP.
HARDWOOD PLYWOOD MANUFACTURERS ASSOCIATION
SOUTHWEST RESEARCH INSTITUTE, DEPARTMENT OF FIRE TECHNOLOGY
UNDERWRITERS LABORATORIES, INC., NORTHBROOK, ILLINOIS
U.S. TESTING COMPANY, INC., HOBOKEN, NEW JERSEY
U.S. TESTING COMPANY, INC., CALIFORNIA BRANCH LABORATORY

03/F02 UL 992 Surface Flammability
SOUTHWEST RESEARCH INSTITUTE, DEPARTMENT OF FIRE TECHNOLOGY
UNDERWRITERS LABORATORIES, INC., NORTHBROOK, ILLINOIS

03/F03 DoC FF1-70 Methenamine Pill Test
AMERICAN CARPET LABORATORIES, INC.
ARMSTRONG WORLD INDUSTRIES, INC., MARIETTA CARPET PLANT
BIGELOW-SANFORD, INC., GEORGIA RUG MILL, QUALITY CONTROL LABORATORY
BIGELOW-SANFORD, INC., TECHNICAL SERVICES, GREENVILLE, SOUTH CAROLINA
C. H. MASLAND & SONS
CERTIFIED TESTING LABORATORIES, INC.
CHISHOLM TRAIL TESTING AND ENGINEERING COMPANY, INC.
COMMERCIAL TESTING COMPANY, INC.
CORONET CARPETS
EVANS & BLACK CARPET MILLS, INC.
GALAXY CARPET MILLS, INC., TESTING LABORATORY
INDEPENDENT TEXTILE TESTING SERVICE, INC.
MOHASCO CORPORATION, PHYSICAL TESTING LABORATORY
SHAW INDUSTRIES, INC., QUALITY CONTROL LABORATORY
SOUTHWEST RESEARCH INSTITUTE, DEPARTMENT OF FIRE TECHNOLOGY
TREND/ROXBURY DIVISIONS OF WWG INDUSTRIES, INC.
UNDERWRITERS LABORATORIES, INC., NORTHBROOK, ILLINOIS
U.S. TESTING COMPANY, INC., HOBOKEN, NEW JERSEY
U.S. TESTING COMPANY, INC., CALIFORNIA BRANCH LABORATORY
WORLD CARPETS, INC., R & D

03/F04 ASTM E648 Radiant Panel (Carpet)
BIGELOW-SANFORD, INC., TECHNICAL SERVICES, GREENVILLE, SOUTH CAROLINA
CERTIFIED TESTING LABORATORIES, INC.
COMMERCIAL TESTING COMPANY, INC.
FACTORY MUTUAL RESEARCH CORP.
HARDWOOD PLYWOOD MANUFACTURERS ASSOCIATION

INDEPENDENT TEXTILE TESTING SERVICE, INC.
MOHASCO CORPORATION, PHYSICAL TESTING LABORATORY
SOUTHWEST RESEARCH INSTITUTE, DEPARTMENT OF FIRE TECHNOLOGY
TECHNICAL MICRONICS CONTROL, INC.
UNDERWRITERS LABORATORIES, INC., NORTHBROOK, ILLINOIS
U.S. TESTING COMPANY, INC., HOBOKEN, NEW JERSEY
U.S. TESTING COMPANY, INC., CALIFORNIA BRANCH LABORATORY

03/B01 UM 44C, Addendum 3 Attached Cushion Tests
AMERICAN CARPET LABORATORIES, INC.
BIGELOW-SANFORD, INC., GEORGIA RUG MILL, QUALITY CONTROL LABORATORY
BIGELOW-SANFORD, INC., TECHNICAL SERVICES, GREENVILLE, SOUTH CAROLINA
COMMERCIAL TESTING COMPANY, INC.
INDEPENDENT TEXTILE TESTING SERVICE, INC.
U.S. TESTING COMPANY, INC., CALIFORNIA BRANCH LABORATORY

03/B02 UM 44C, Addendum 2 and 3 Attached Cushion Tests
AMERICAN CARPET LABORATORIES, INC.
CERTIFIED TESTING LABORATORIES, INC.
COMMERCIAL TESTING COMPANY, INC.
GALAXY CARPET MILLS, INC., TESTING LABORATORY
INDEPENDENT TEXTILE TESTING SERVICE, INC.
TREND/ROXBURY DIVISIONS OF WWG INDUSTRIES, INC.
U.S. TESTING COMPANY, INC., HOBOKEN, NEW JERSEY

APPENDIX 3

REQUESTING AN APPLICATION

IN ORDER TO RECEIVE A NVLAP APPLICATION AND INFORMATION DETAILING THE REQUIREMENTS AND FEES FOR ACCREDITATION FOR THE TEST METHODS OF YOUR INTEREST, THE FOLLOWING INFORMATION SHOULD BE SUBMITTED TO:

NVLAP Coordinator
Room 3876
U.S. Department of Commerce
Washington, D.C. 20230

Laboratory Name _____

Street _____

City _____ State _____ Zip Code _____

Attn: (Requestor's Name) _____

Phone ( ) _____ Date _____

CHECK EACH LABORATORY ACCREDITATION PROGRAM (LAP) FOR WHICH INFORMATION IS DESIRED.

_____Insulation LAP

THE NVLAP CODES LISTED BELOW CORRESPOND TO THE AVAILABLE TEST METHODS IN THE INSULATION LAP (SEE APPENDIX 2 FOR THE TEST METHOD DESIGNATION AND TITLE CORESPONDING TO EACH NVLAP CODE). CHECK THE APPROPRIATE NVLAP CODE FOR THE TEST METHODS OF YOUR INTEREST. WE WILL SEND INFORMATION DETAILING THE REQUIREMENTS FOR EACH TEST METHOD CHECKED.

___01/C01	___01/D10	___01/D21	___01/F08	___01/S11
___01/C02	___01/D11	___01/D22	___01/S01	___01/T01
___01/D01	___01/D12	___01/D23	___01/S02	___01/T04
___01/D02	___01/D13	___01/D24	___01/S03	___01/T05
___01/D03	___01/D14	___01/D25	___01/S04	___01/T06
___01/D04	___01/D15	___01/D26	___01/S05	___01/T09
___01/D05	___01/D16	___01/F01	___01/S06	___01/T10
___01/D06	___01/D17	___01/F02	___01/S07	___01/V02
___01/D07	___01/D18	___01/F05	___01/S08	___01/V03
___01/D08	___01/D19	___01/F06	___01/S09	___01/V04
___01/D09	___01/D20	___01/F07	___01/S10	___01/V05
				___01/V06

_____Concrete LAP

_____Carpet LAP

MAKING A REQUEST FOR AN APPLICATION POSES NO OBLIGATION TO PARTICIPATE IN THE PROGRAM.

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BILLING CODE 3510-13-C